

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG052522\
 Data File : BG053698.D
 Acq On : 25 May 2022 17:52
 Operator : CG/JU
 Sample : N2923-13MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/26/2022
 Supervised By : Jagrut Upadhyay 05/26/2022

Quant Time: May 26 02:52:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG050522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 25 15:11:41 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.987	152	22056	20.000	ng	0.00
21) Naphthalene-d8	10.795	136	92384	20.000	ng	# 0.00
39) Acenaphthene-d10	14.625	164	74576	20.000	ng	0.00
64) Phenanthrene-d10	17.374	188	195602	20.000	ng	0.00
76) Chrysene-d12	21.639	240	190907	20.000	ng	0.00
86) Perylene-d12	24.841	264	197405	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.555	112	133499	102.723	ng	0.00
7) Phenol-d6	7.165	99	203792	103.325	ng	0.00
23) Nitrobenzene-d5	9.150	82	134227	61.849	ng	0.00
42) 2,4,6-Tribromophenol	16.117	330	111589	101.453	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	317307	62.175	ng	0.00
79) Terphenyl-d14	19.977	244	689670	67.284	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	24356	35.719	ng	# 91
3) Pyridine	3.805	79	63415	38.081	ng	97
4) n-Nitrosodimethylamine	3.716	42	36048	44.438	ng	91
6) Aniline	7.312	93	78807	36.075	ng	99
8) 2-Chlorophenol	7.558	128	71314	52.490	ng	94
9) Benzaldehyde	7.118	77	55625	44.393	ng	97
10) Phenol	7.188	94	103652	53.733	ng	97
11) bis(2-Chloroethyl)ether	7.400	93	67006	46.575	ng	99
12) 1,3-Dichlorobenzene	7.876	146	73729	46.001	ng	97
13) 1,4-Dichlorobenzene	8.022	146	76361	47.213	ng	97
14) 1,2-Dichlorobenzene	8.340	146	73210	48.203	ng	99
15) Benzyl Alcohol	8.228	79	82740	50.177	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	107493	45.907	ng	97
17) 2-Methylphenol	8.445	107	67955	52.121	ng	96
18) Hexachloroethane	9.074	117	27397	44.607	ng	93
19) n-Nitroso-di-n-propyla...	8.792	70	65720	46.441	ng	99
20) 3+4-Methylphenols	8.768	107	93710	50.891	ng	97
22) Acetophenone	8.810	105	116673	46.145	ng	# 95
24) Nitrobenzene	9.197	77	100210	47.707	ng	98
25) Isophorone	9.720	82	183755	50.310	ng	100
26) 2-Nitrophenol	9.908	139	41671	48.981	ng	95
27) 2,4-Dimethylphenol	9.973	122	73106	57.100	ng	99
28) bis(2-Chloroethoxy)met...	10.196	93	95262	45.349	ng	99
29) 2,4-Dichlorophenol	10.454	162	80667	52.204	ng	94
30) 1,2,4-Trichlorobenzene	10.666	180	80261	45.715	ng	98
31) Naphthalene	10.848	128	221546	47.144	ng	98
32) Benzoic acid	10.155	122	31084	40.459	ng	93
33) 4-Chloroaniline	10.960	127	52202	26.525	ng	97
34) Hexachlorobutadiene	11.136	225	58229	44.727	ng	97
35) Caprolactam	11.741	113	29850m	53.158	ng	
36) 4-Chloro-3-methylphenol	12.093	107	95415	51.621	ng	96
37) 2-Methylnaphthalene	12.452	142	163643	46.662	ng	100
38) 1-Methylnaphthalene	12.675	142	155395	45.415	ng	97
40) 1,2,4,5-Tetrachloroben...	12.828	216	106253	45.200	ng	98
41) Hexachlorocyclopentadiene	12.804	237	82267	85.264	ng	96
43) 2,4,6-Trichlorophenol	13.069	196	74108	48.296	ng	93

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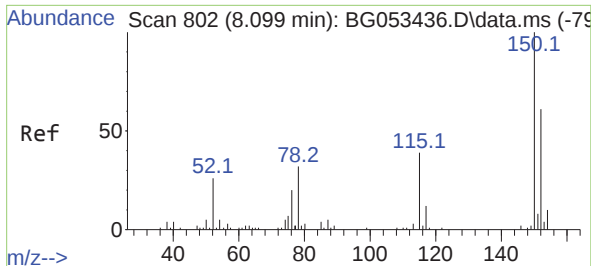
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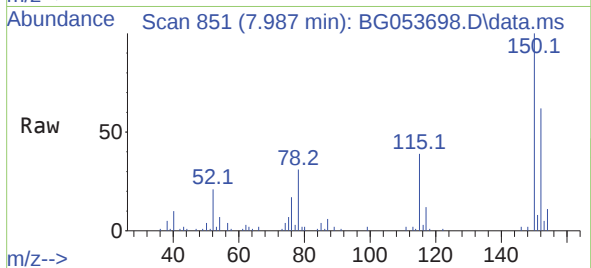
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.151	196	81734	50.048	ng	97
46) 1,1'-Biphenyl	13.456	154	229796	45.205	ng	98
47) 2-Chloronaphthalene	13.503	162	180259	45.260	ng	99
48) 2-Nitroaniline	13.709	65	73614	49.604	ng	96
49) Acenaphthylene	14.349	152	310496	48.856	ng	99
50) Dimethylphthalate	14.079	163	260549	45.976	ng	99
51) 2,6-Dinitrotoluene	14.202	165	55098	47.722	ng	96
52) Acenaphthene	14.690	154	174639	46.110	ng	96
53) 3-Nitroaniline	14.537	138	39786	31.893	ng	94
54) 2,4-Dinitrophenol	14.754	184	64944	87.942	ng	96
55) Dibenzofuran	15.025	168	305533	44.911	ng	100
56) 4-Nitrophenol	14.866	139	90016	101.026	ng	96
57) 2,4-Dinitrotoluene	14.995	165	83505	49.897	ng	92
58) Fluorene	15.671	166	254620	46.639	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.260	232	79306	47.862	ng	96
60) Diethylphthalate	15.436	149	274312	46.860	ng	99
61) 4-Chlorophenyl-phenyle...	15.659	204	140419	46.094	ng	99
62) 4-Nitroaniline	15.700	138	62656	48.424	ng	92
63) Azobenzene	15.953	77	274195	45.742	ng	99
65) 4,6-Dinitro-2-methylph...	15.765	198	53403	45.818	ng	98
66) n-Nitrosodiphenylamine	15.876	169	233069	45.383	ng	98
67) 4-Bromophenyl-phenylether	16.552	248	100778	44.116	ng	95
68) Hexachlorobenzene	16.687	284	113979	45.558	ng	98
69) Atrazine	16.822	200	103610	47.924	ng	98
70) Pentachlorophenol	17.034	266	109459	81.169	ng	93
71) Phenanthrene	17.416	178	453805	45.627	ng	97
72) Anthracene	17.504	178	461366	47.193	ng	98
73) Carbazole	17.774	167	431724	45.060	ng	99
74) Di-n-butylphthalate	18.326	149	498641	46.275	ng	98
75) Fluoranthene	19.425	202	582148	45.204	ng	98
77) Benzidine	19.601	184	251219	61.053	ng	98
78) Pyrene	19.789	202	580898	47.004	ng	100
80) Butylbenzylphthalate	20.664	149	218849	48.292	ng	99
81) Benzo(a)anthracene	21.616	228	567847	46.635	ng	99
82) 3,3'-Dichlorobenzidine	21.528	252	124315	40.260	ng	96
83) Chrysene	21.686	228	519734	45.702	ng	98
84) Bis(2-ethylhexyl)phtha...	21.510	149	308357	49.299	ng	97
85) Di-n-octyl phthalate	22.708	149	512535	48.458	ng	99
87) Indeno(1,2,3-cd)pyrene	28.524	276	621128	45.177	ng	# 55
88) Benzo(b)fluoranthene	23.825	252	588421	50.358	ng	99
89) Benzo(k)fluoranthene	23.889	252	541915	47.196	ng	100
90) Benzo(a)pyrene	24.694	252	547839	55.084	ng	# 99
91) Dibenzo(a,h)anthracene	28.565	278	544917	48.099	ng	100
92) Benzo(g,h,i)perylene	29.658	276	528223	47.038	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.987 min Scan# 81
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

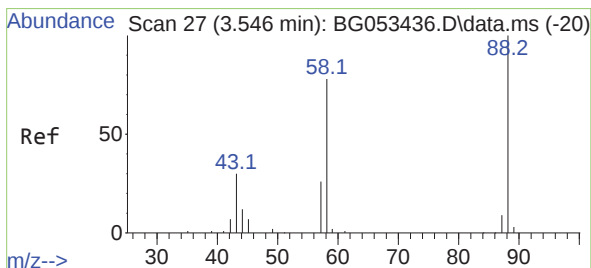
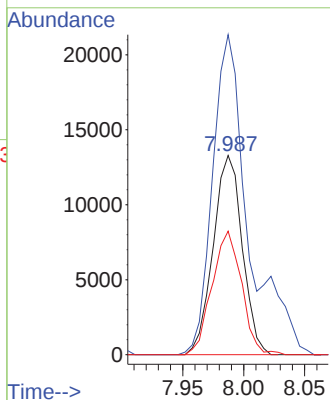
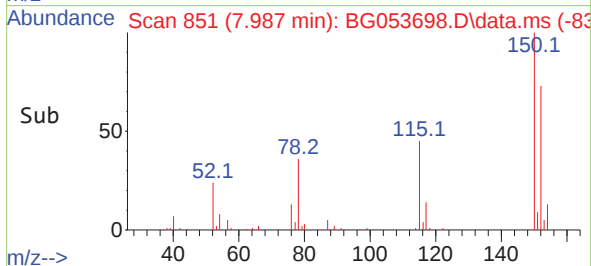
Instrument :
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P024-SS007-0006-01MSD



Tgt Ion:152 Resp: 22050
Ion Ratio Lower Upper
152 100
150 160.7 131.6 197.4
115 62.0 50.9 76.3

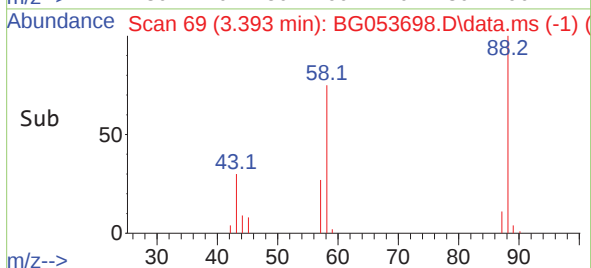
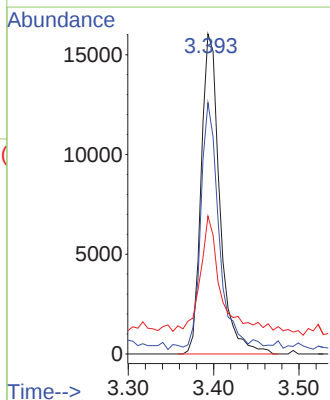
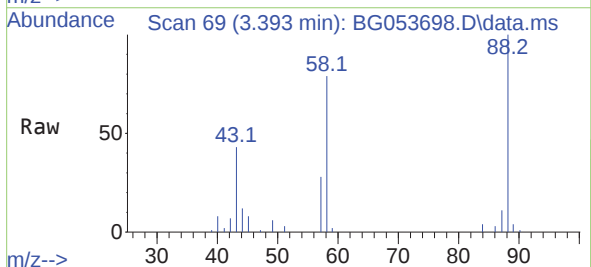
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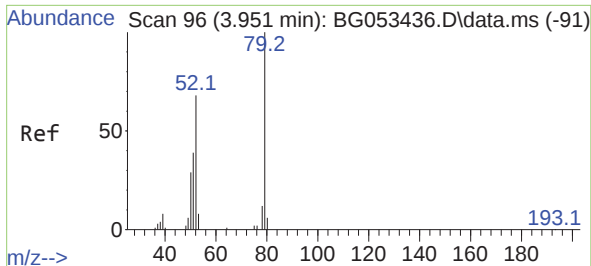
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#2
1,4-Dioxane
Concen: 35.719 ng
RT: 3.393 min Scan# 69
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

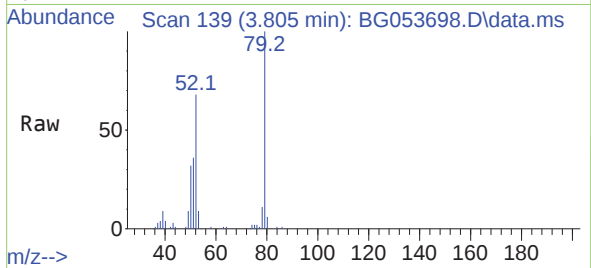
Tgt Ion: 88 Resp: 24356
Ion Ratio Lower Upper
88 100
58 73.7 59.2 88.8
43 45.9 24.3 36.5#





#3
Pyridine
Concen: 38.081 ng
RT: 3.805 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

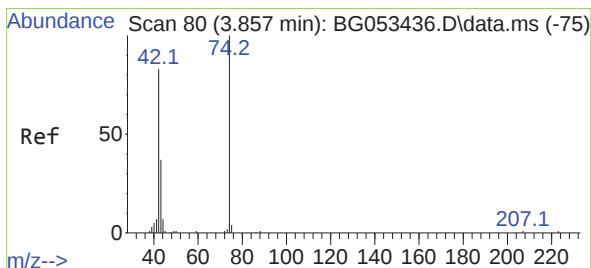
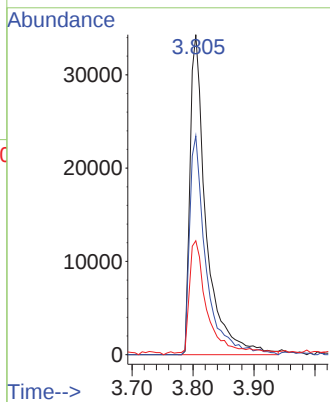
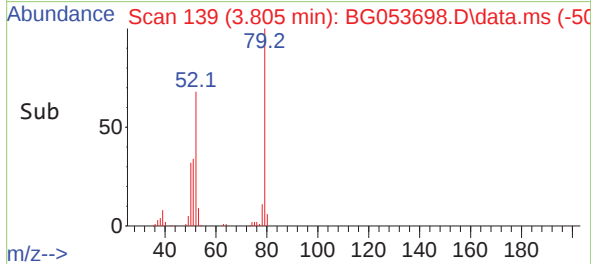
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion: 79 Resp: 63415
Ion Ratio Lower Upper
79 100
52 68.4 54.6 81.8
51 35.6 32.5 48.7

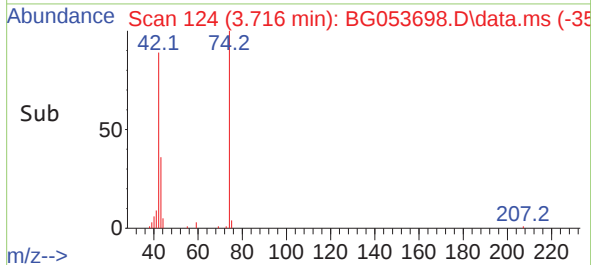
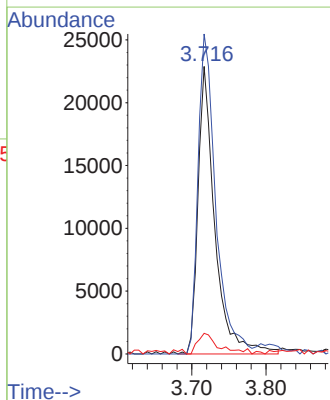
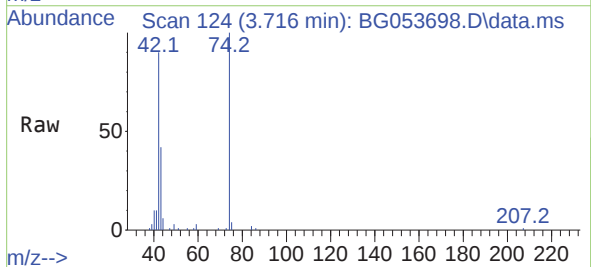
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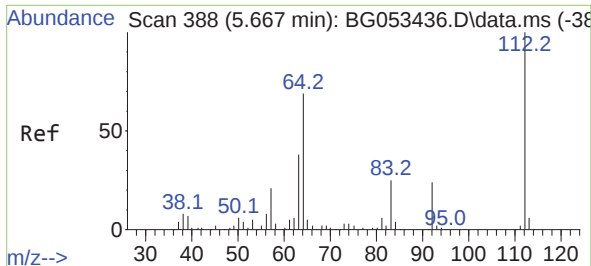
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#4
n-Nitrosodimethylamine
Concen: 44.438 ng
RT: 3.716 min Scan# 124
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 42 Resp: 36048
Ion Ratio Lower Upper
42 100
74 111.3 97.0 145.4
44 7.2 7.0 10.4





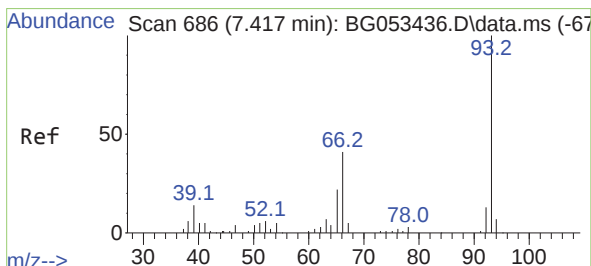
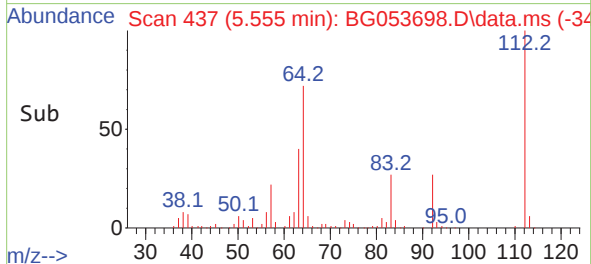
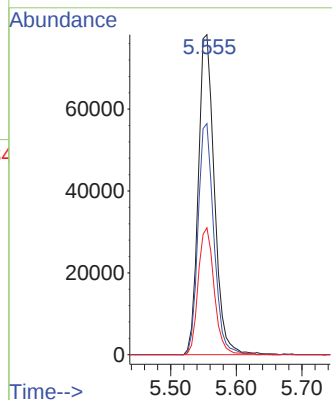
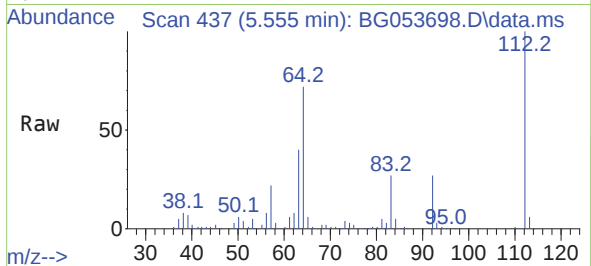
#5
2-Fluorophenol
Concen: 102.723 ng
RT: 5.555 min Scan# 411
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Instrument :
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Tgt Ion:112 Resp: 133498
Ion Ratio Lower Upper
112 100
64 72.2 55.1 82.7
63 39.7 30.4 45.6

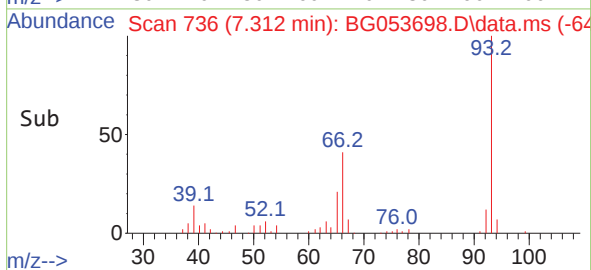
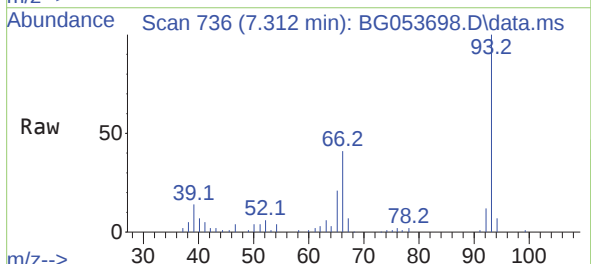
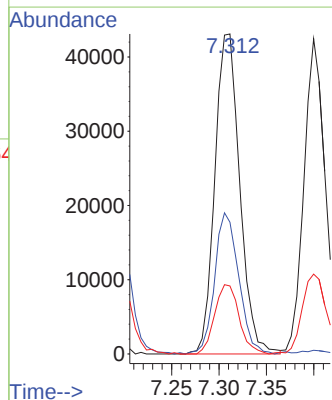
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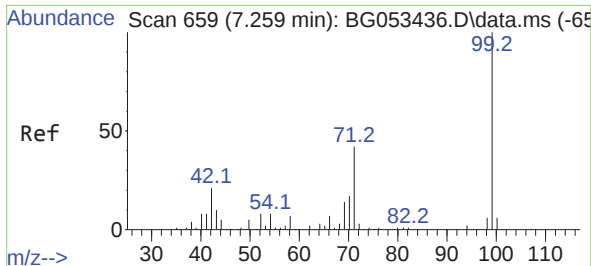
Reviewed By :Christian Giraldo 05/26/2022
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#6
Aniline
Concen: 36.075 ng
RT: 7.312 min Scan# 736
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

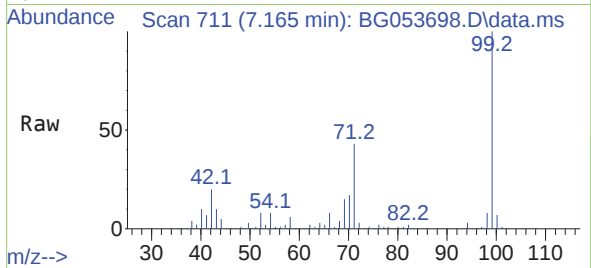
Tgt Ion: 93 Resp: 78807
Ion Ratio Lower Upper
93 100
66 41.1 32.9 49.3
65 21.2 17.8 26.8





#7
Phenol-d6
Concen: 103.325 ng
RT: 7.165 min Scan# 711
Delta R.T. 0.001 min
Lab File: BG053698.D
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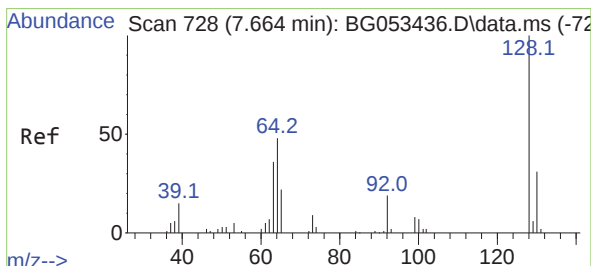
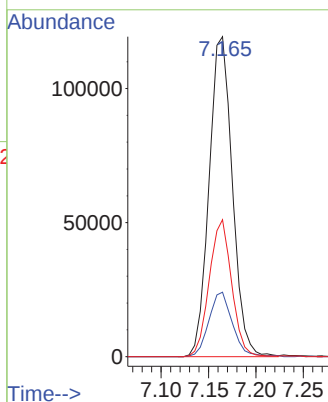
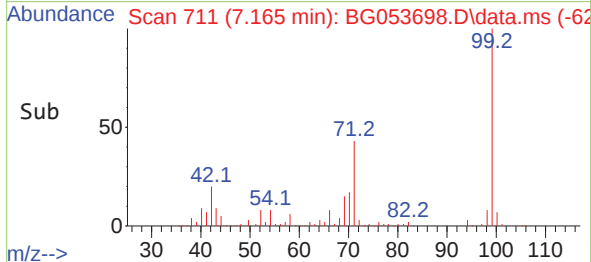
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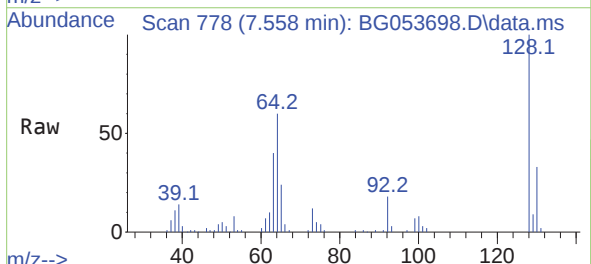
Tgt Ion: 99 Resp: 203792
Ion Ratio Lower Upper
99 100
42 20.1 17.0 25.6
71 42.8 33.8 50.8

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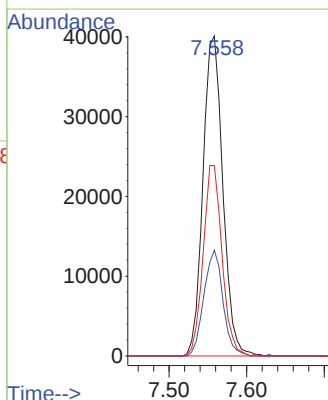
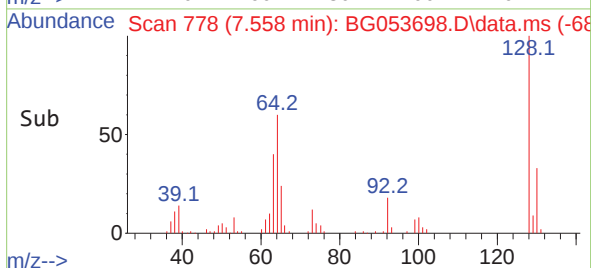
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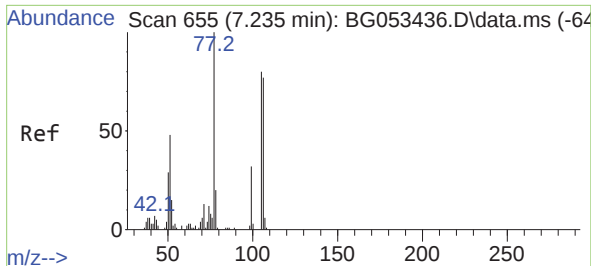


#8
2-Chlorophenol
Concen: 52.490 ng
RT: 7.558 min Scan# 778
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



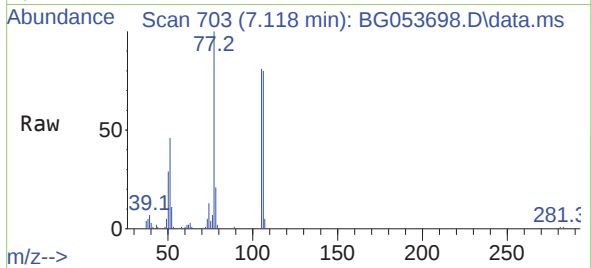
Tgt Ion:128 Resp: 71314
Ion Ratio Lower Upper
128 100
130 33.1 10.5 50.5
64 59.5 35.1 75.1





#9
Benzaldehyde
Concen: 44.393 ng
RT: 7.118 min Scan# 703
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

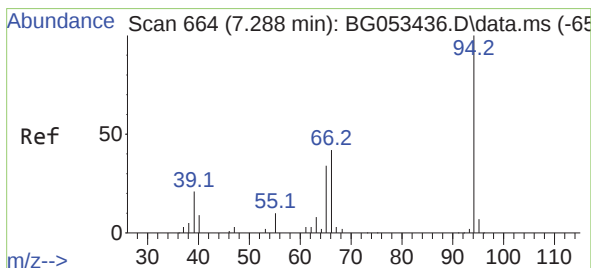
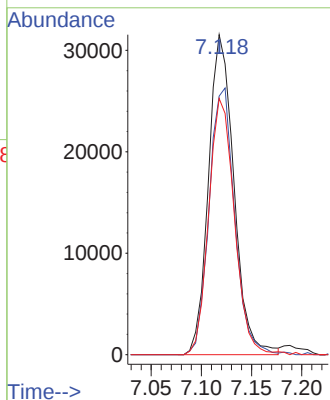
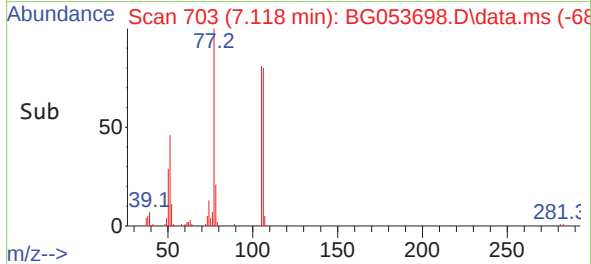
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion: 77 Resp: 5562
Ion Ratio Lower Upper
77 100
105 80.8 59.6 99.6
106 80.0 56.8 96.8

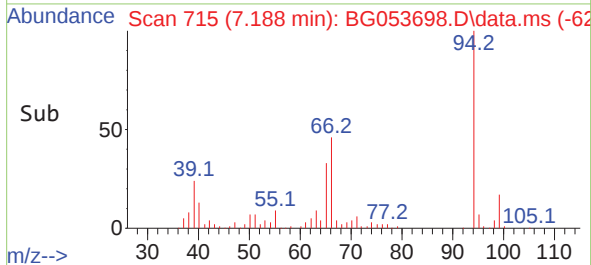
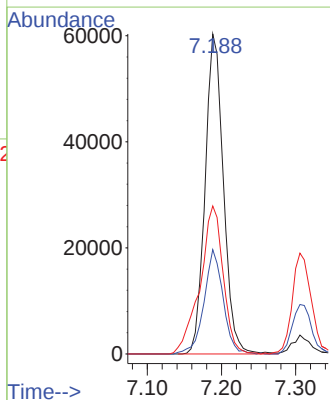
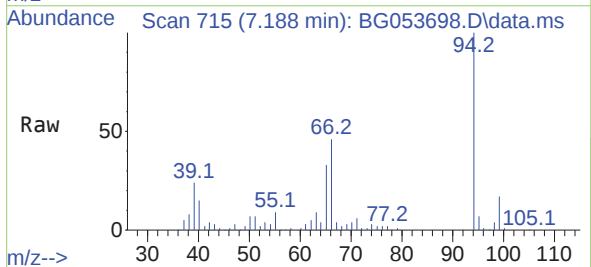
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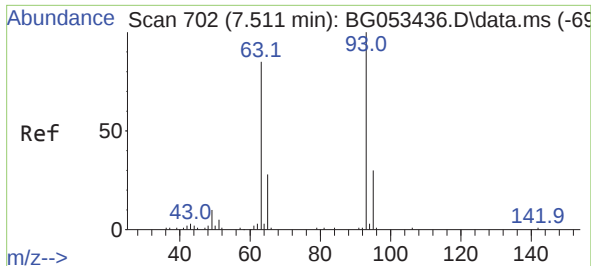
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Supervised By :Jagrut Upadhyay 05/26/2022



#10
Phenol
Concen: 53.733 ng
RT: 7.188 min Scan# 715
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 94 Resp: 103652
Ion Ratio Lower Upper
94 100
65 32.6 14.8 54.8
66 46.2 25.2 65.2





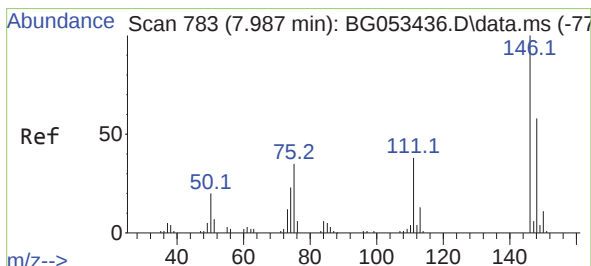
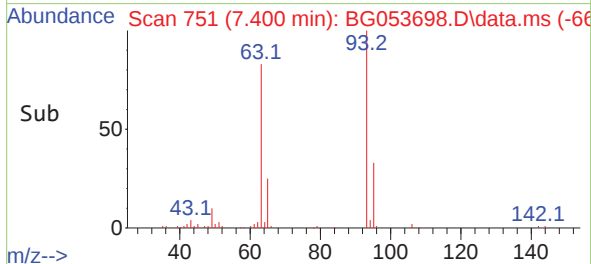
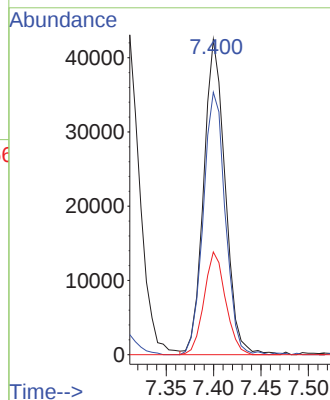
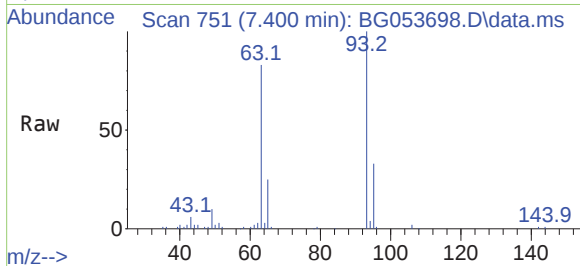
#11
bis(2-Chloroethyl)ether
Concen: 46.575 ng
RT: 7.400 min Scan# 710
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Tgt Ion: 93 Resp: 67000
Ion Ratio Lower Upper
93 100
63 83.3 63.6 103.6
95 32.6 10.1 50.1

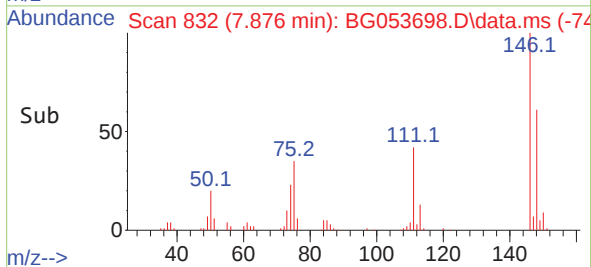
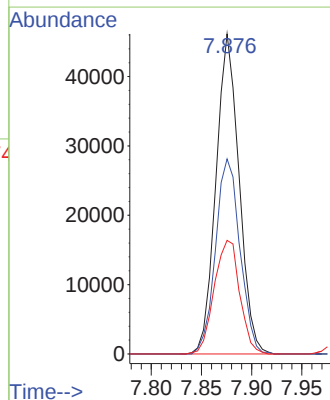
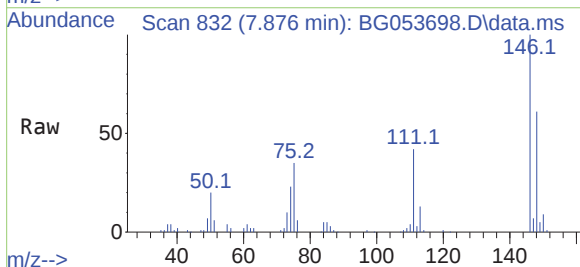
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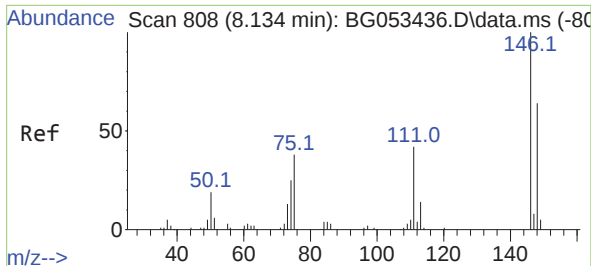
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#12
1,3-Dichlorobenzene
Concen: 46.001 ng
RT: 7.876 min Scan# 832
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:146 Resp: 73729
Ion Ratio Lower Upper
146 100
148 61.0 46.1 69.1
75 35.5 27.6 41.4





#13

1,4-Dichlorobenzene

Concen: 47.213 ng

RT: 8.022 min Scan# 80

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

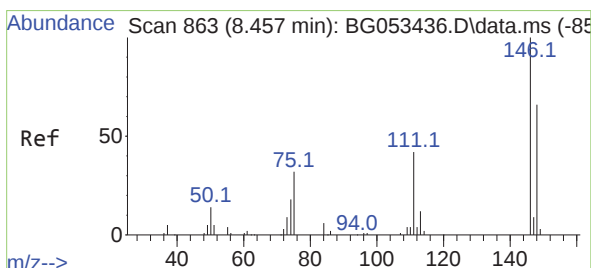
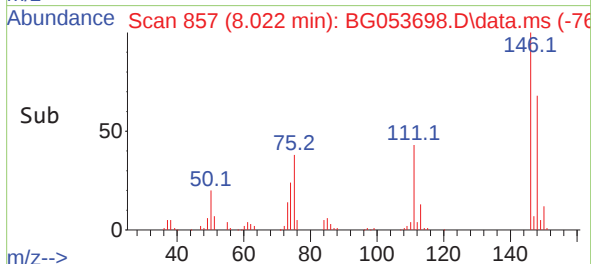
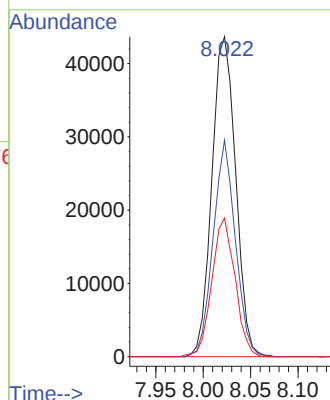
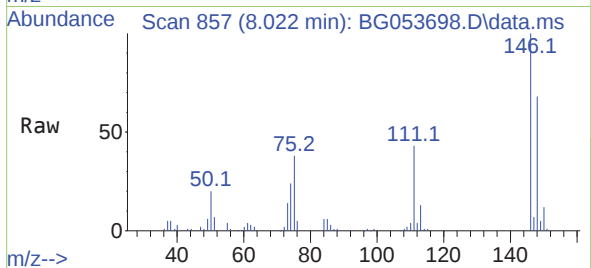
P024-SS007-0006-01MSD

Tgt Ion:146 Resp: 7636

Ion	Ratio	Lower	Upper
146	100		
148	67.6	51.5	77.3
111	43.3	33.9	50.9

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Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#14

1,2-Dichlorobenzene

Concen: 48.203 ng

RT: 8.340 min Scan# 911

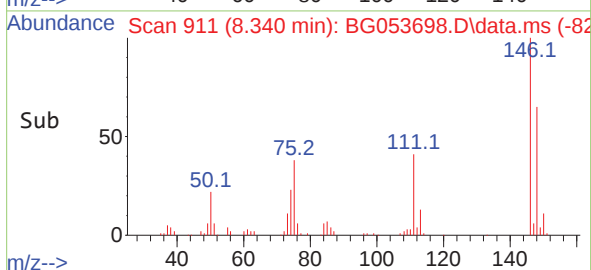
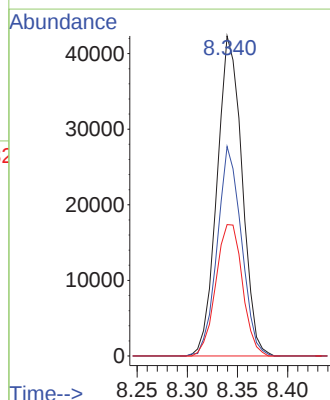
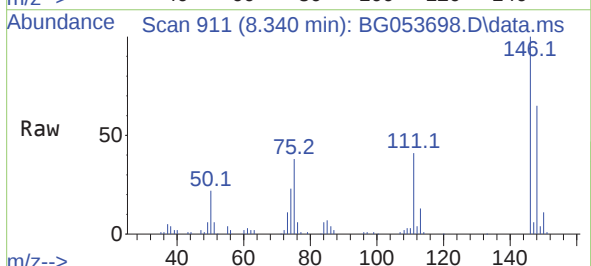
Delta R.T. -0.005 min

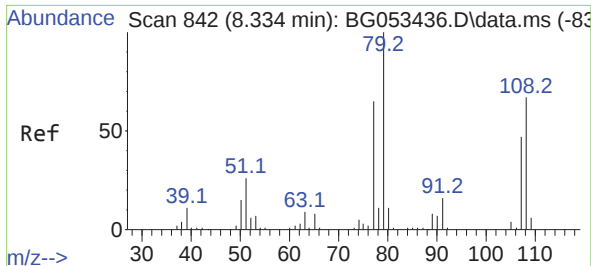
Lab File: BG053698.D

Acq: 25 May 2022 17:52

Tgt Ion:146 Resp: 73210

Ion	Ratio	Lower	Upper
146	100		
148	65.5	52.6	78.8
111	41.1	34.5	51.7





#15
Benzyl Alcohol
Concen: 50.177 ng
RT: 8.228 min Scan# 842
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

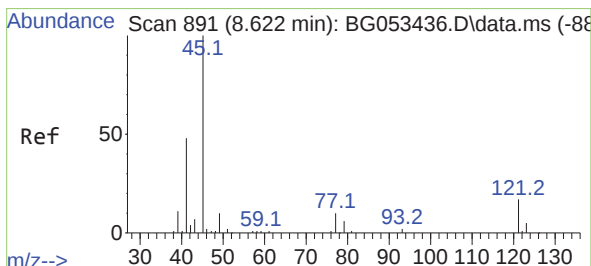
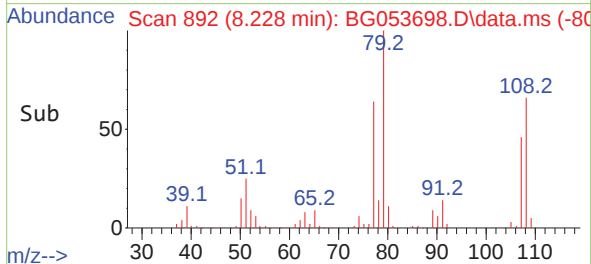
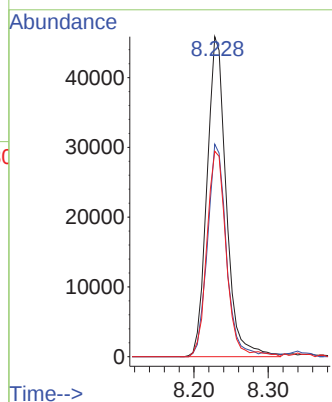
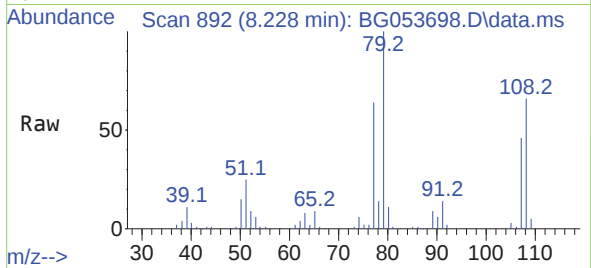
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Tgt Ion: 79 Resp: 82740

Ion	Ratio	Lower	Upper
79	100		
108	66.4	53.7	80.5
77	64.2	52.2	78.4

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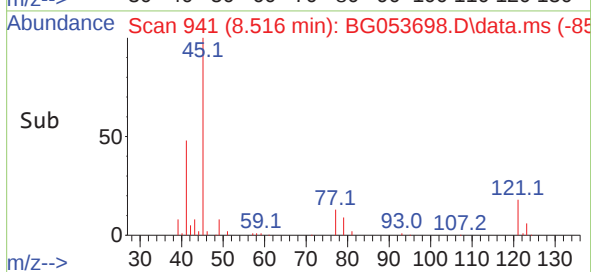
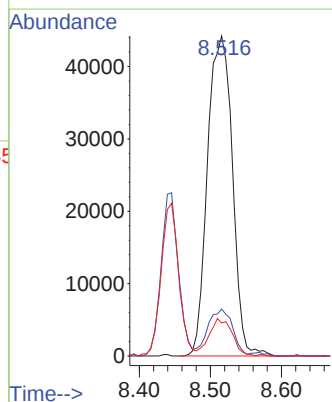
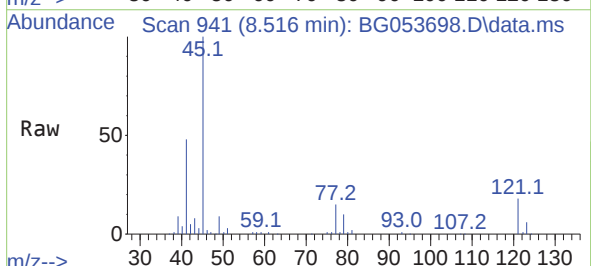
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

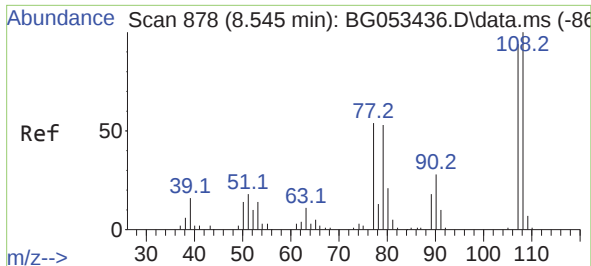


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.907 ng
RT: 8.516 min Scan# 941
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 45 Resp: 107493

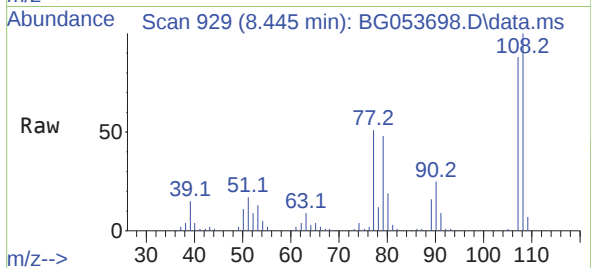
Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	32.7
79	10.3	0.0	29.7





#17
2-Methylphenol
Concen: 52.121 ng
RT: 8.445 min Scan# 91
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

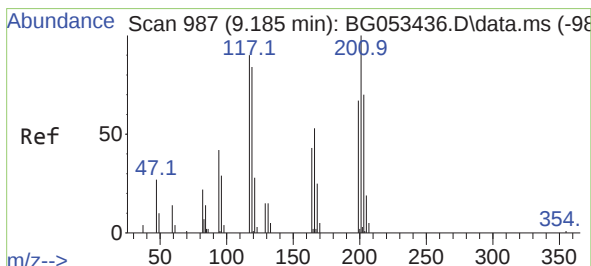
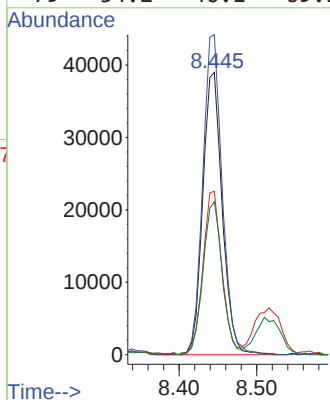
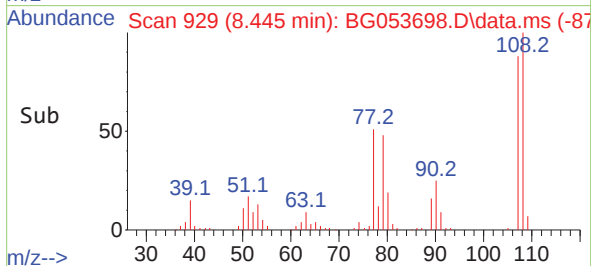


Tgt Ion:107 Resp: 6795

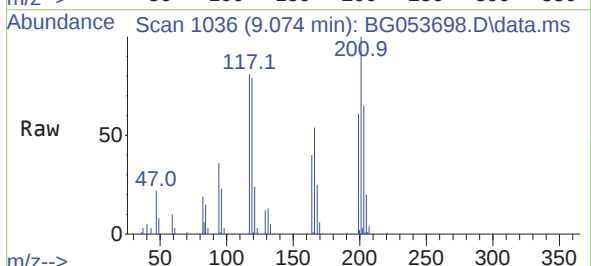
Ion	Ratio	Lower	Upper
107	100		
108	113.4	85.4	128.0
77	57.9	46.2	69.2
79	54.2	46.1	69.1

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Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

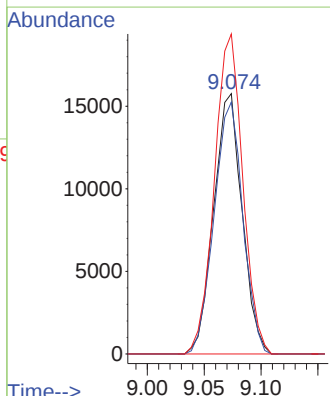
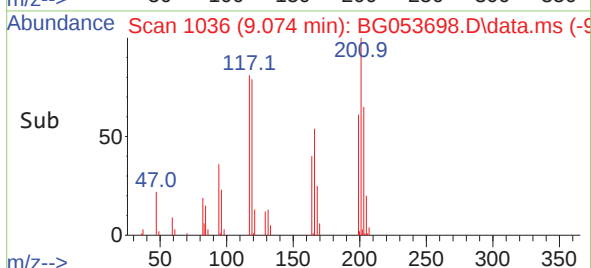


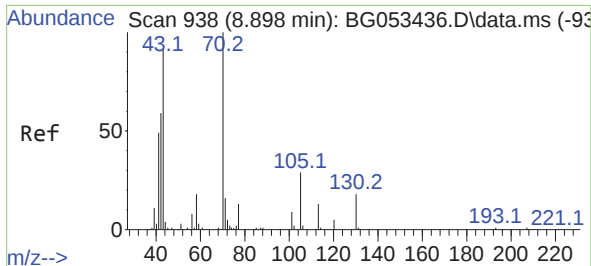
#18
Hexachloroethane
Concen: 44.607 ng
RT: 9.074 min Scan# 1036
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



Tgt Ion:117 Resp: 27397

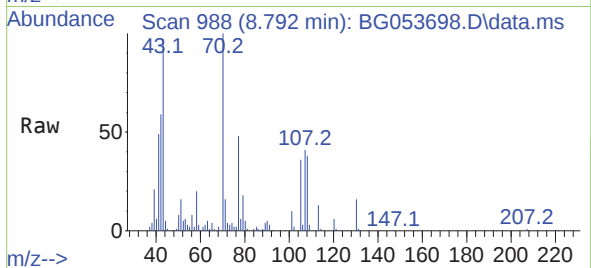
Ion	Ratio	Lower	Upper
117	100		
119	96.8	75.0	112.6
201	123.0	89.0	133.6





#19
n-Nitroso-di-n-propylamine
Concen: 46.441 ng
RT: 8.792 min Scan# 91
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

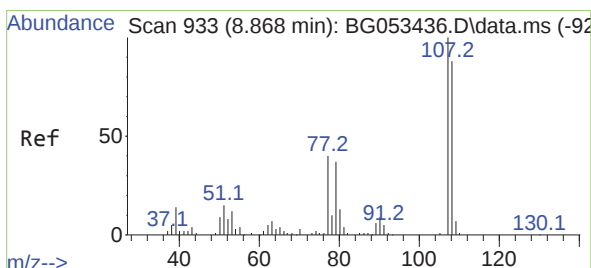
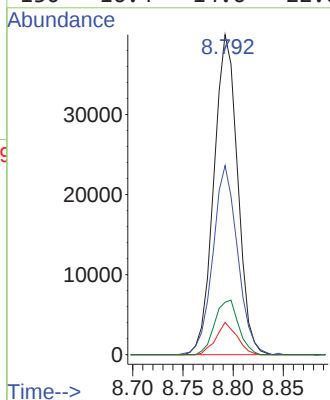
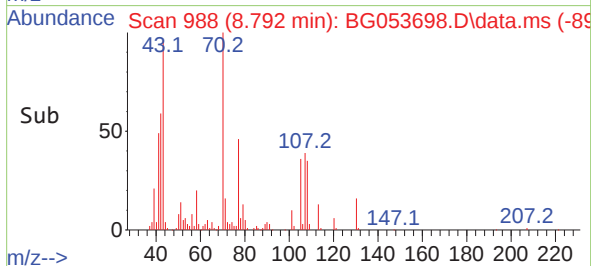
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



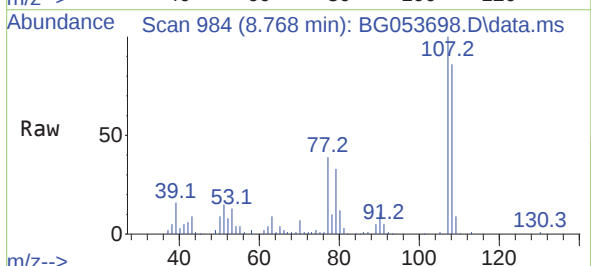
Tgt Ion: 70 Resp: 65720
Ion Ratio Lower Upper
70 100
42 59.1 47.3 70.9
101 10.1 7.0 10.4
130 16.4 14.6 22.0

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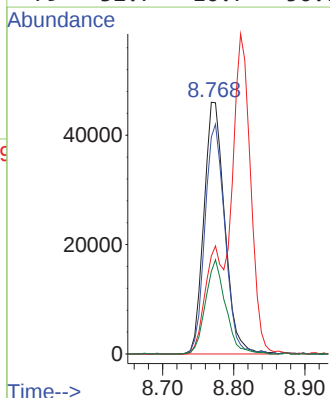
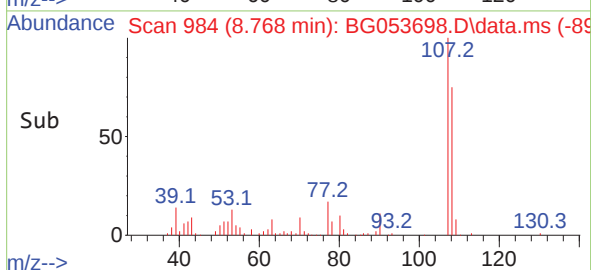
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

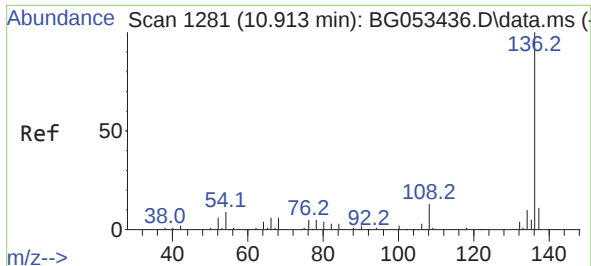


#20
3+4-Methylphenols
Concen: 50.891 ng
RT: 8.768 min Scan# 984
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



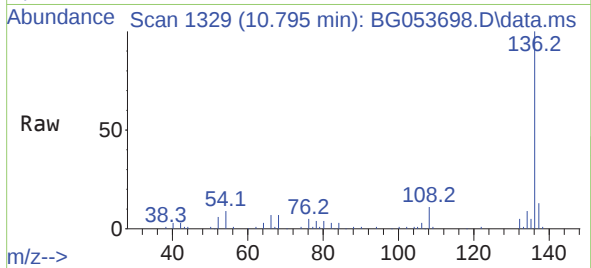
Tgt Ion:107 Resp: 93710
Ion Ratio Lower Upper
107 100
108 86.1 67.5 107.5
77 38.9 20.3 60.3
79 32.7 16.7 56.7





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.795 min Scan# 11
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

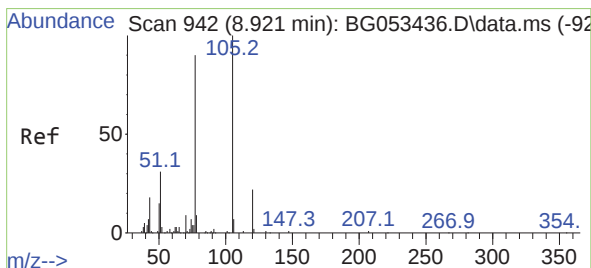
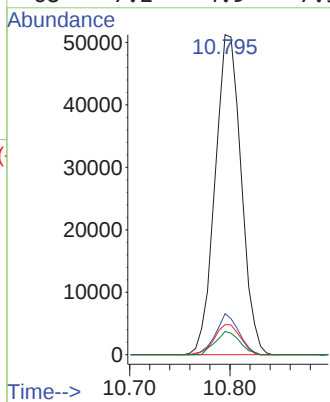
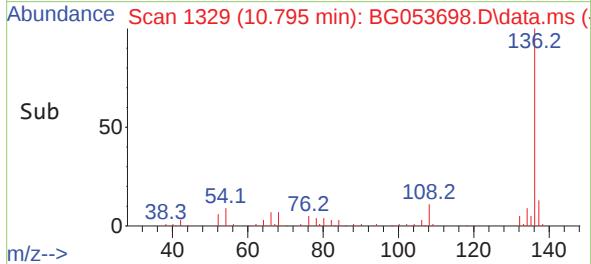
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:136 Resp: 92384
Ion Ratio Lower Upper
136 100
137 12.8 8.5 12.7
54 9.4 7.4 11.2
68 7.2 4.9 7.3

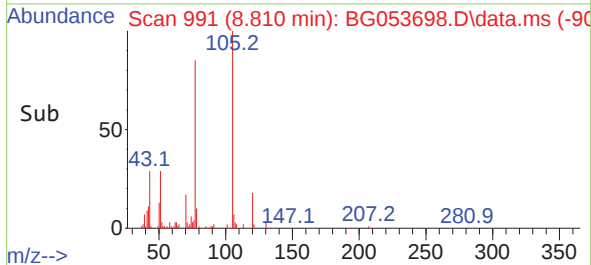
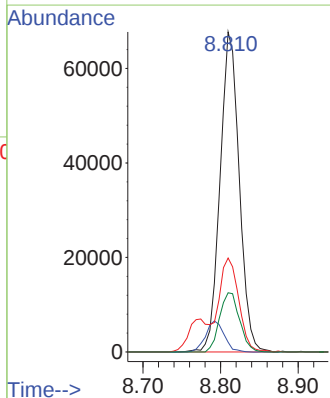
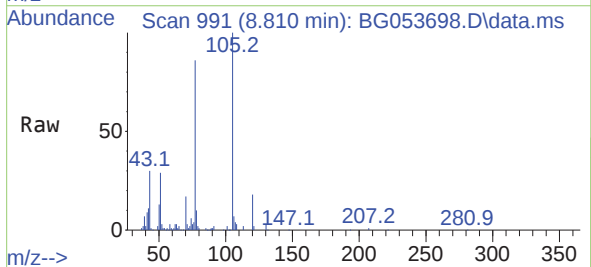
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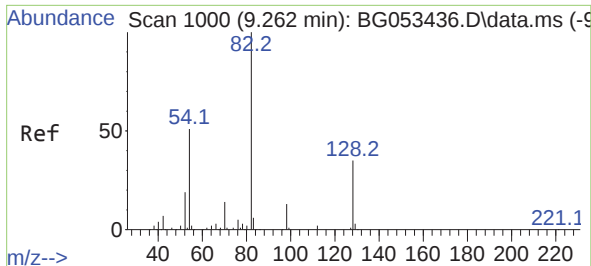
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#22
Acetophenone
Concen: 46.145 ng
RT: 8.810 min Scan# 991
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:105 Resp: 116673
Ion Ratio Lower Upper
105 100
71 3.1 1.1 1.7#
51 29.4 25.4 38.0
120 18.5 17.3 25.9





#23

Nitrobenzene-d5

Concen: 61.849 ng

RT: 9.150 min Scan# 10

Delta R.T. -0.005 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

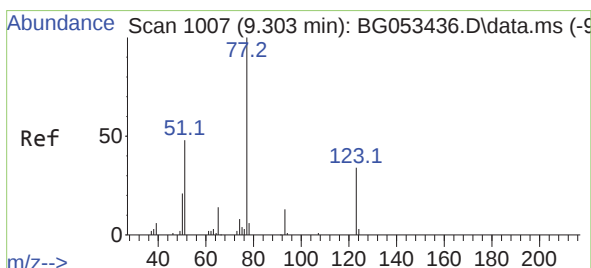
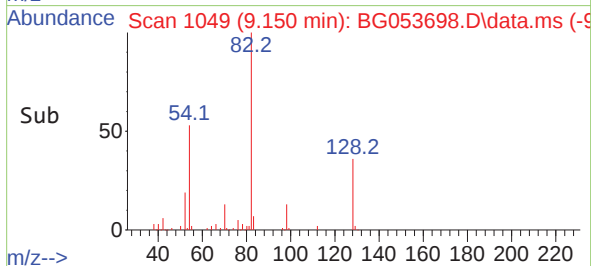
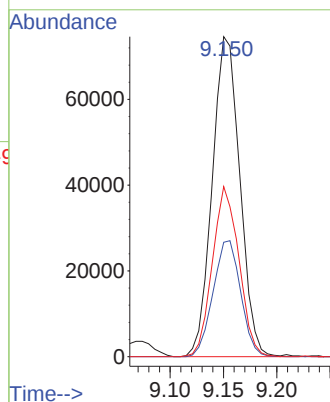
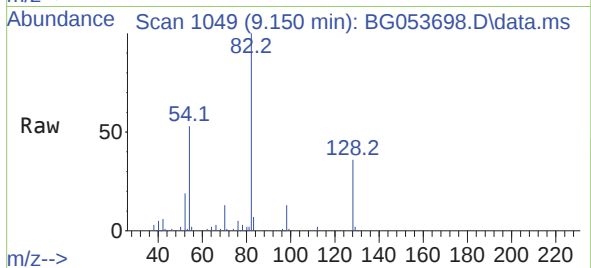
ClientSampleId :

P024-SS007-0006-01MSD

Tgt Ion: 82 Resp: 134227
 Ion Ratio Lower Upper
 82 100
 128 35.7 27.9 41.9
 54 53.1 41.2 61.8

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Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022



#24

Nitrobenzene

Concen: 47.707 ng

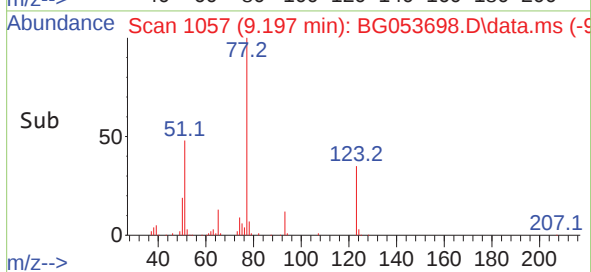
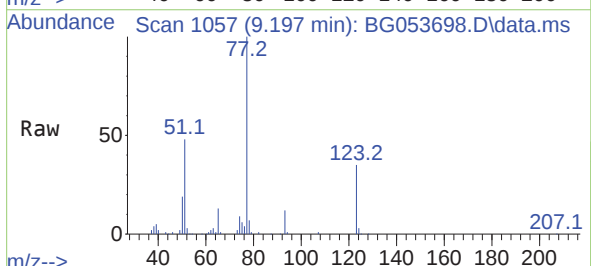
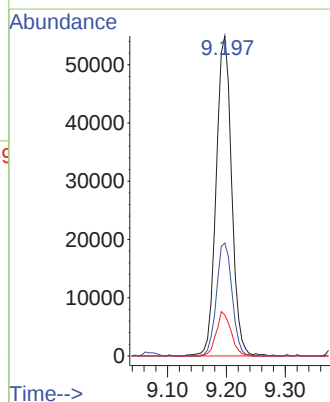
RT: 9.197 min Scan# 1057

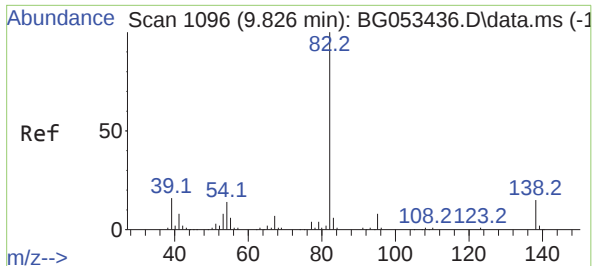
Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Tgt Ion: 77 Resp: 100210
 Ion Ratio Lower Upper
 77 100
 123 35.3 27.4 41.0
 65 12.8 11.4 17.0





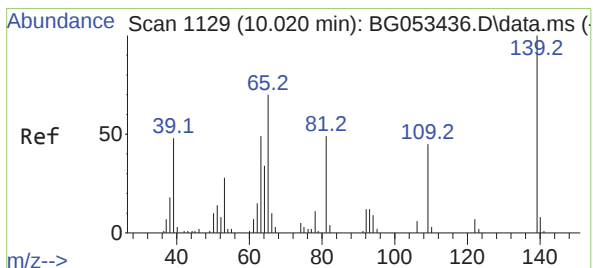
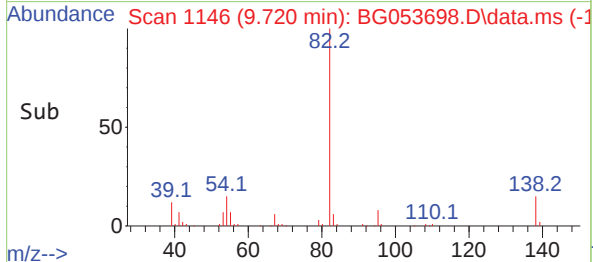
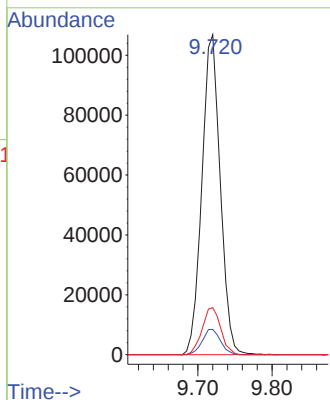
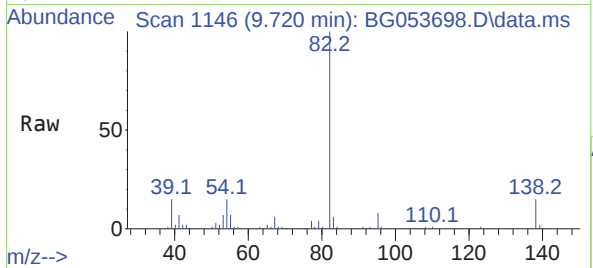
#25
Isophorone
Concen: 50.310 ng
RT: 9.720 min Scan# 1114
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Tgt Ion: 82 Resp: 18375
Ion Ratio Lower Upper
82 100
95 7.9 6.2 9.4
138 14.7 11.6 17.4

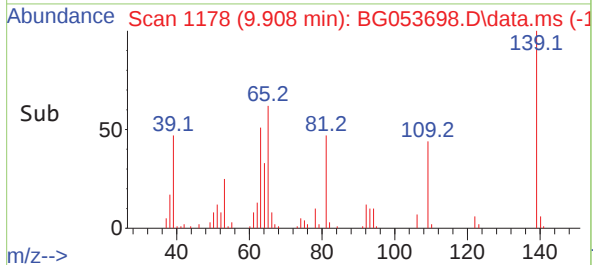
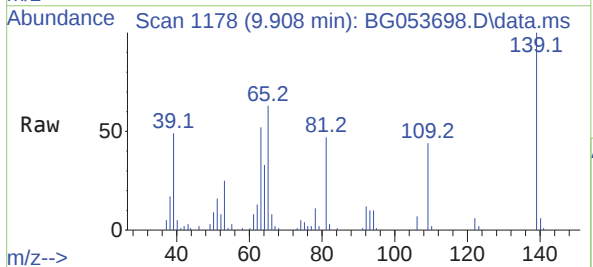
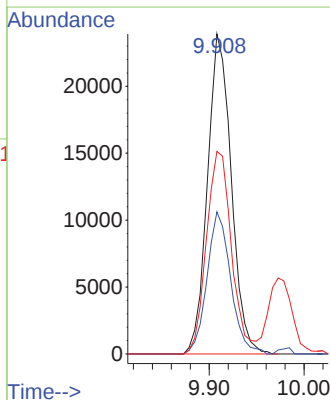
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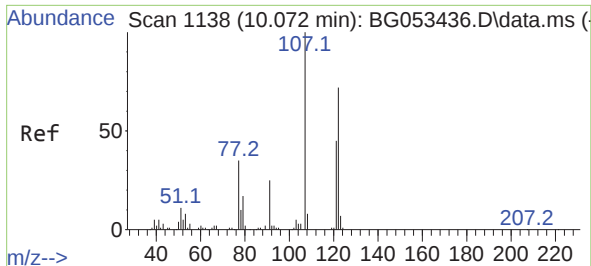
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#26
2-Nitrophenol
Concen: 48.981 ng
RT: 9.908 min Scan# 1178
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

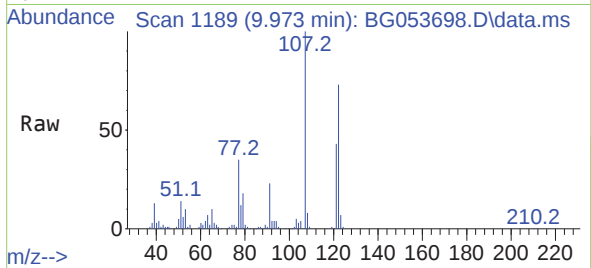
Tgt Ion:139 Resp: 41671
Ion Ratio Lower Upper
139 100
109 44.4 36.1 54.1
65 63.3 55.8 83.6





#27
2,4-Dimethylphenol
Concen: 57.100 ng
RT: 9.973 min Scan# 1138
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

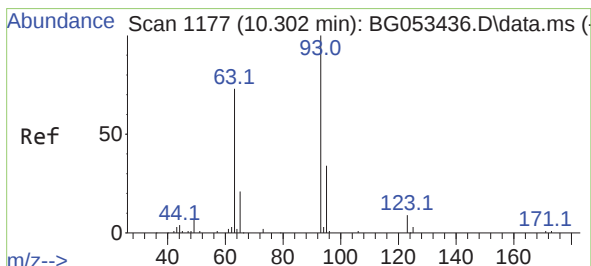
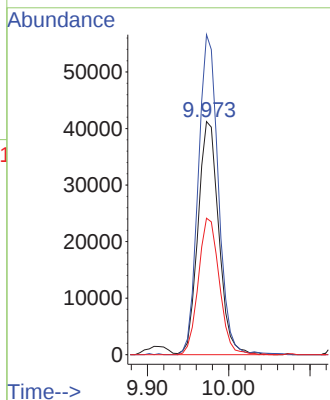
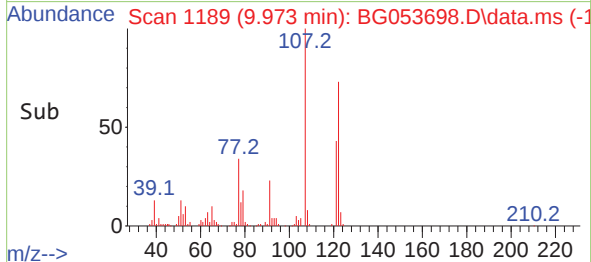
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:122 Resp: 73100
Ion Ratio Lower Upper
122 100
107 137.2 109.4 164.0
121 58.5 48.7 73.1

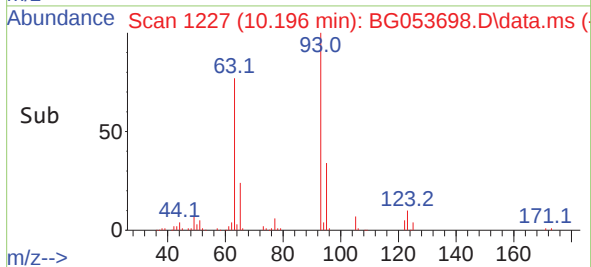
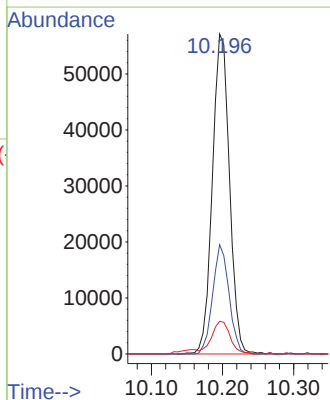
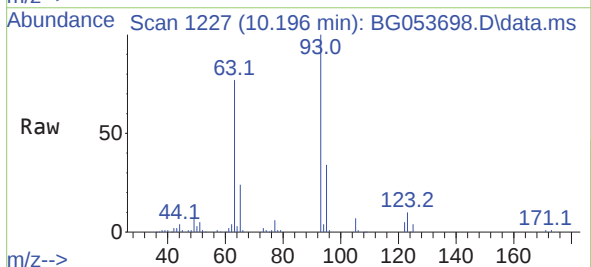
Manual Integrations
APPROVED

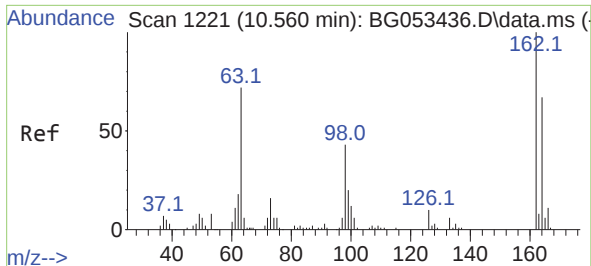
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#28
bis(2-Chloroethoxy)methane
Concen: 45.349 ng
RT: 10.196 min Scan# 1227
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion: 93 Resp: 95262
Ion Ratio Lower Upper
93 100
95 34.1 26.9 40.3
123 10.2 7.7 11.5





#29

2,4-Dichlorophenol

Concen: 52.204 ng

RT: 10.454 min Scan# 11

Delta R.T. -0.005 min

Lab File: BG053698.D

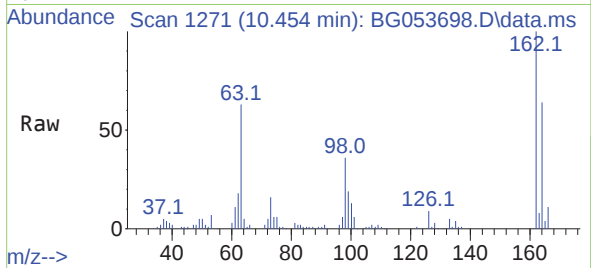
Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD



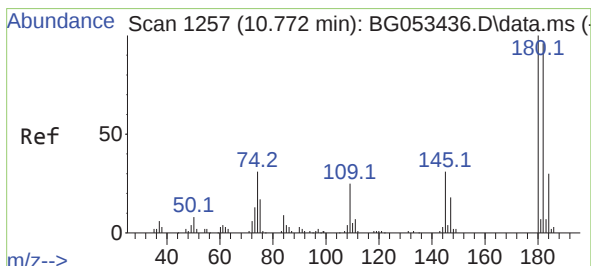
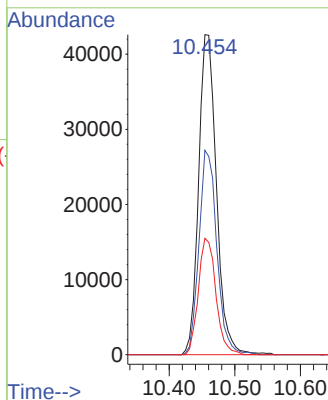
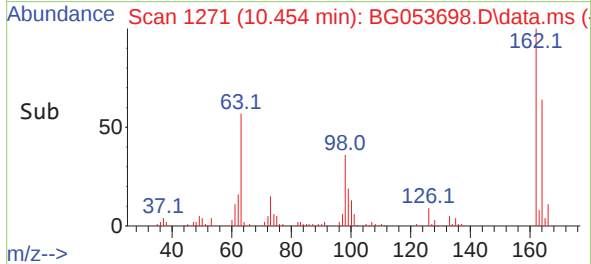
Tgt Ion:	162	Resp:	8066
Ion Ratio	Lower	Upper	
162	100		
164	63.9	46.6	86.6
98	36.4	22.8	62.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2022

Supervised By :Jagrut Upadhyay 05/26/2022



#30

1,2,4-Trichlorobenzene

Concen: 45.715 ng

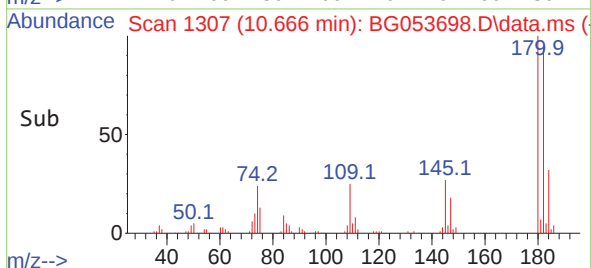
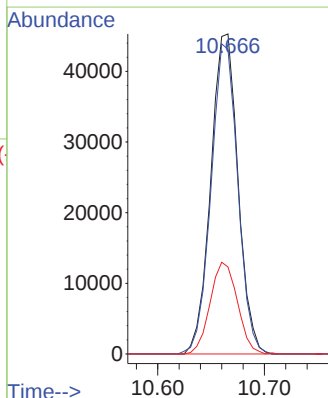
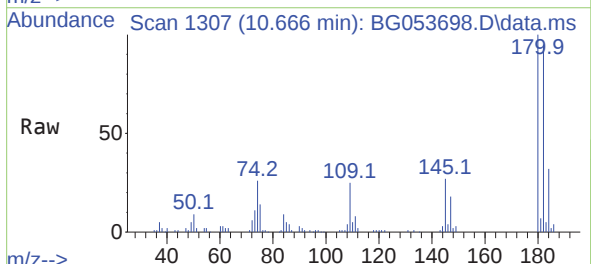
RT: 10.666 min Scan# 1307

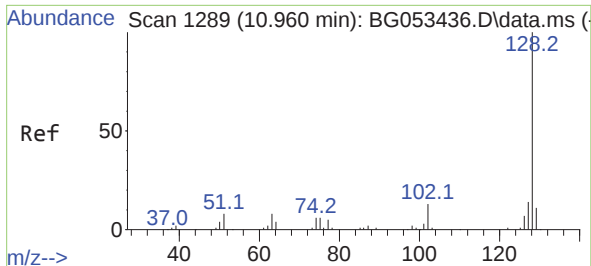
Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

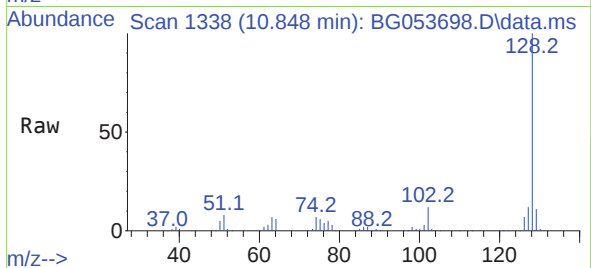
Tgt Ion:	180	Resp:	80261
Ion Ratio	Lower	Upper	
180	100		
182	95.2	76.6	115.0
145	27.2	25.0	37.4





#31
Naphthalene
Concen: 47.144 ng
RT: 10.848 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

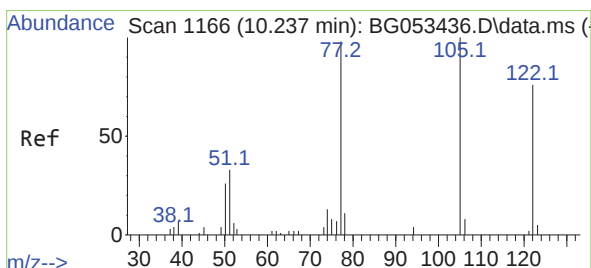
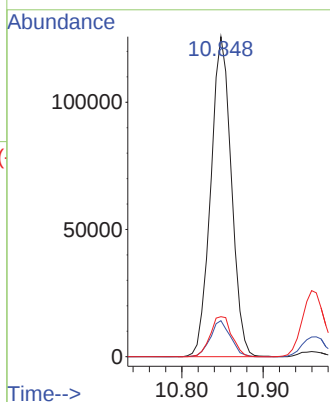
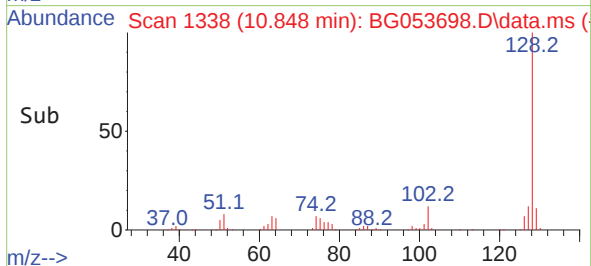
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:128 Resp: 221540
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 12.5 11.1 16.7

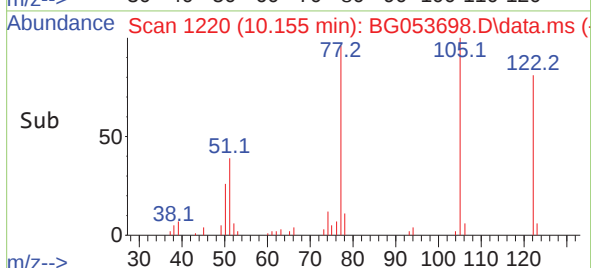
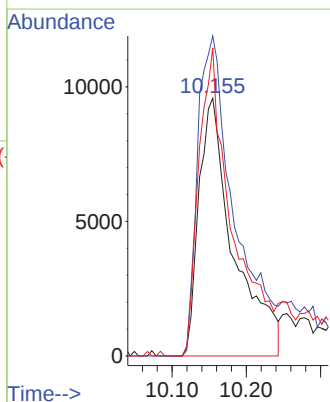
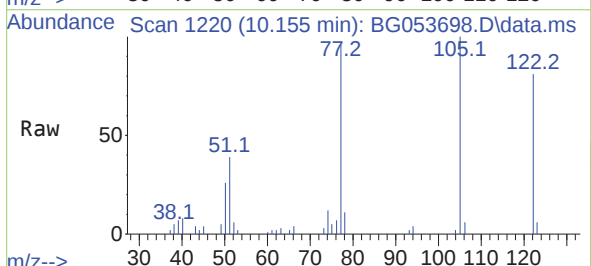
Manual Integrations
APPROVED

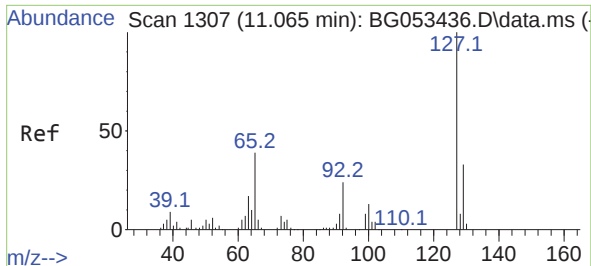
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#32
Benzoic acid
Concen: 40.459 ng
RT: 10.155 min Scan# 1220
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

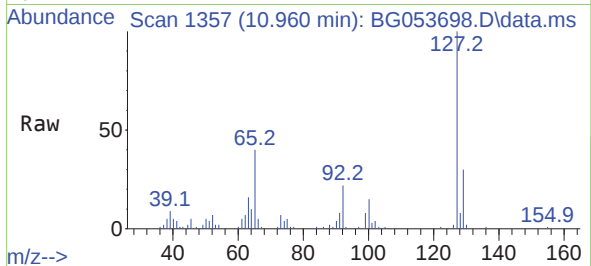
Tgt Ion:122 Resp: 31084
Ion Ratio Lower Upper
122 100
105 124.2 111.8 151.8
77 119.6 109.4 149.4





#33
4-Chloroaniline
Concen: 26.525 ng
RT: 10.960 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

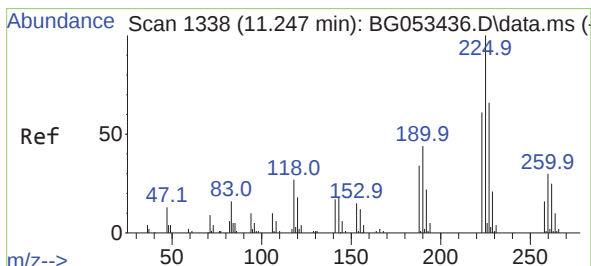
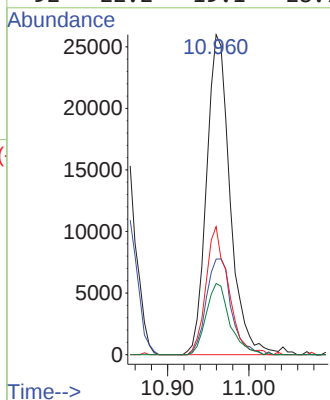
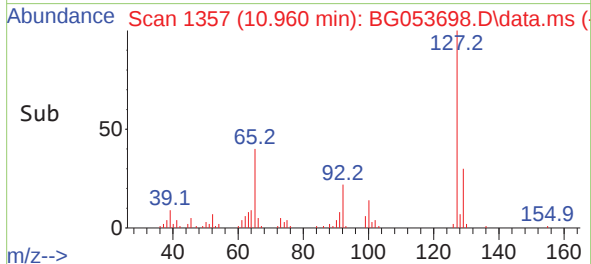
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:127 Resp: 5220
Ion Ratio Lower Upper
127 100
129 29.8 26.3 39.5
65 40.0 31.1 46.7
92 22.2 19.1 28.7

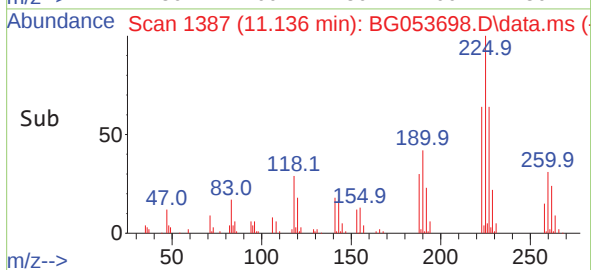
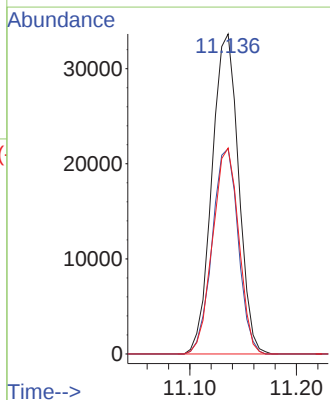
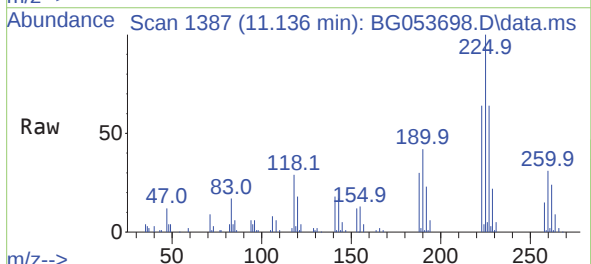
Manual Integrations
APPROVED

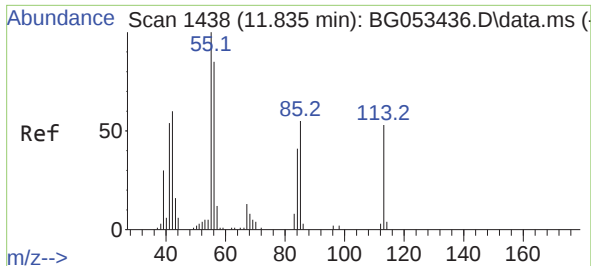
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#34
Hexachlorobutadiene
Concen: 44.727 ng
RT: 11.136 min Scan# 1387
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

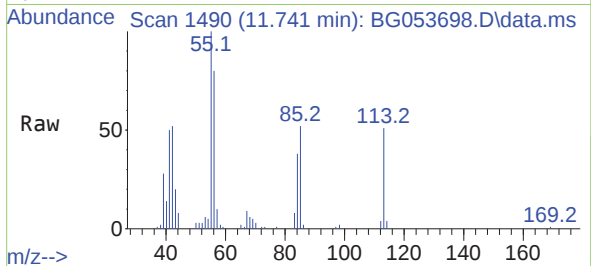
Tgt Ion:225 Resp: 58229
Ion Ratio Lower Upper
225 100
223 64.2 48.9 73.3
227 64.4 52.8 79.2





#35
Caprolactam
Concen: 53.158 ng m
RT: 11.741 min Scan# 1438
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

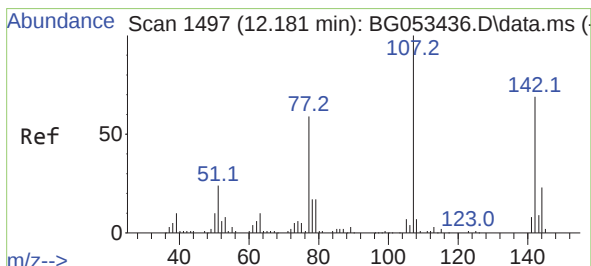
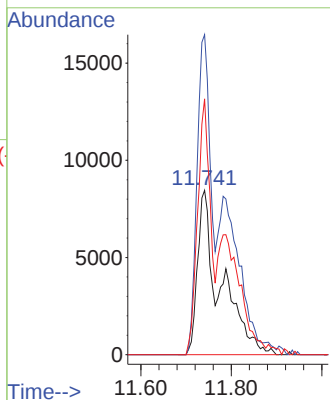
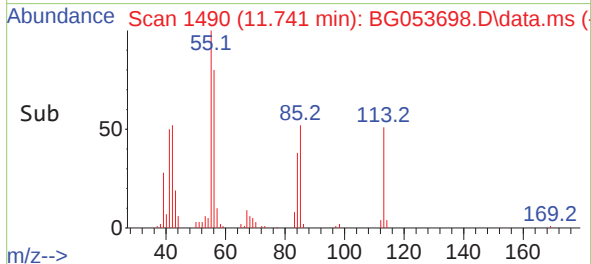
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:113 Resp: 29850
Ion Ratio Lower Upper
113 100
55 194.7 169.8 209.8
56 155.6 141.2 181.2

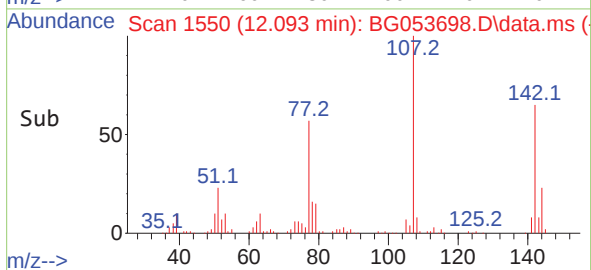
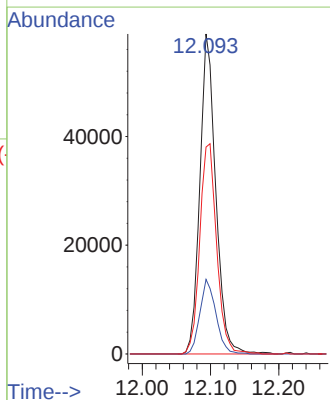
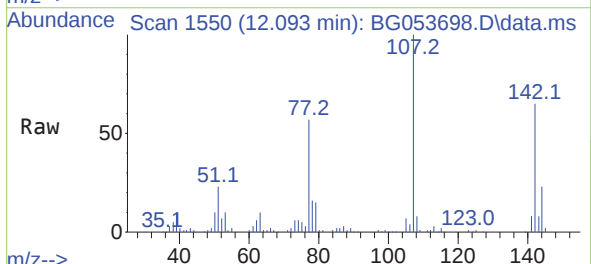
Manual Integrations
APPROVED

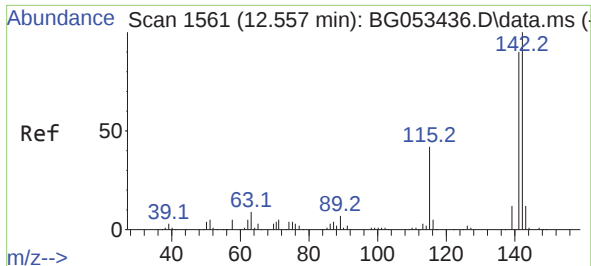
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#36
4-Chloro-3-methylphenol
Concen: 51.621 ng
RT: 12.093 min Scan# 1550
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

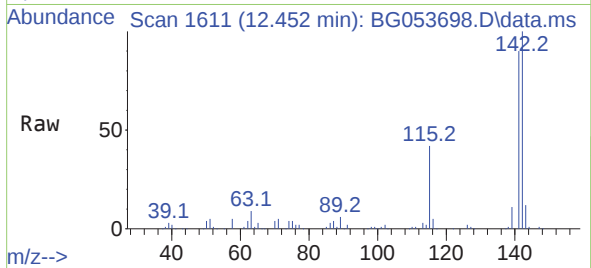
Tgt Ion:107 Resp: 95415
Ion Ratio Lower Upper
107 100
144 23.3 18.5 27.7
142 64.7 55.0 82.4





#37
2-Methylnaphthalene
Concen: 46.662 ng
RT: 12.452 min Scan# 1611
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

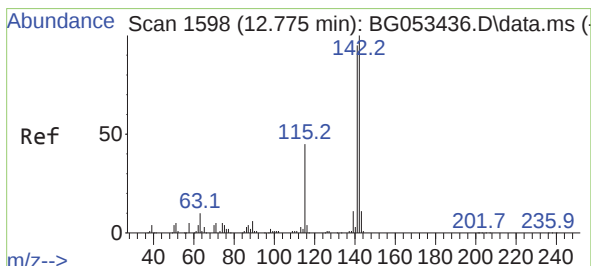
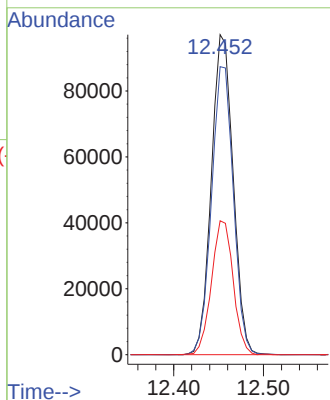
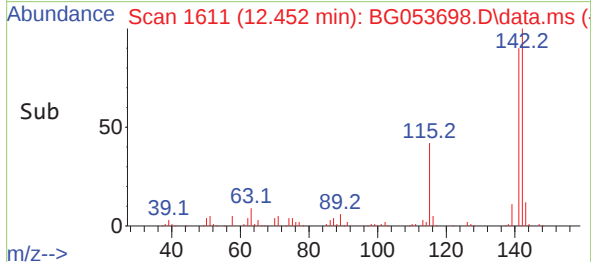
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:142 Resp: 16364
Ion Ratio Lower Upper
142 100
141 90.0 72.3 108.5
115 41.8 33.7 50.5

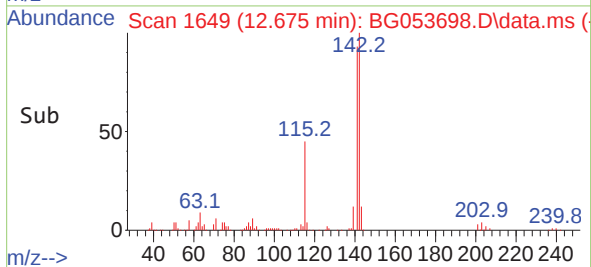
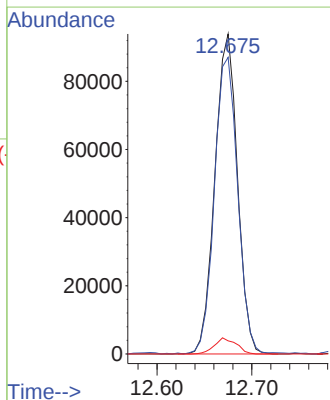
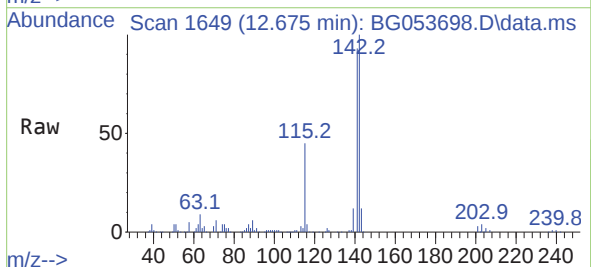
Manual Integrations
APPROVED

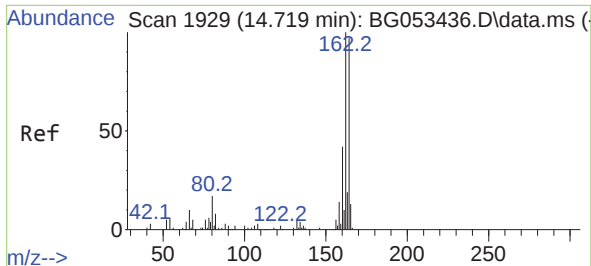
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#38
1-Methylnaphthalene
Concen: 45.415 ng
RT: 12.675 min Scan# 1649
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

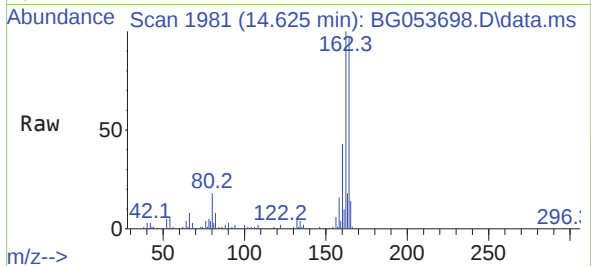
Tgt Ion:142 Resp: 155395
Ion Ratio Lower Upper
142 100
141 92.7 76.4 114.6
116 4.1 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.625 min Scan# 14
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

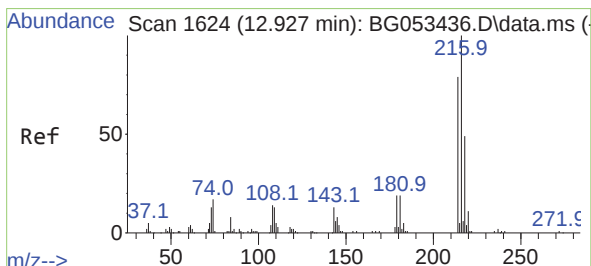
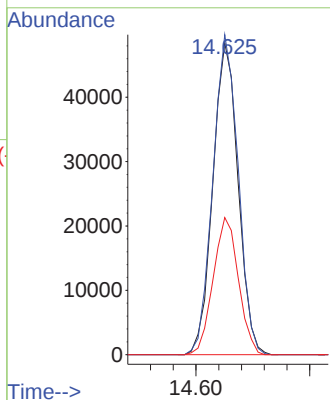
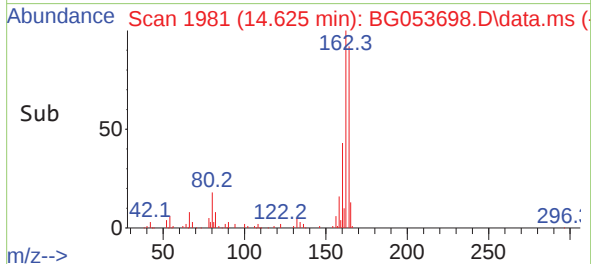
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



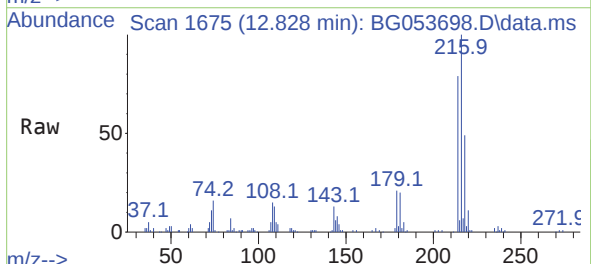
Tgt Ion:164 Resp: 74570
Ion Ratio Lower Upper
164 100
162 102.6 82.3 123.5
160 44.0 34.2 51.2

Manual Integrations
APPROVED

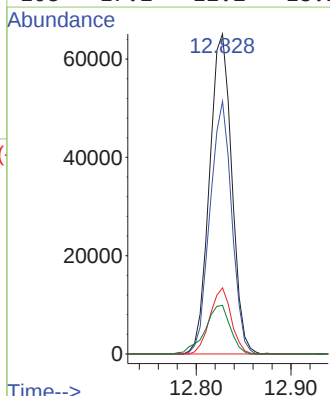
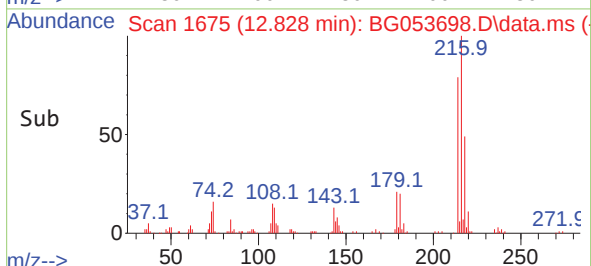
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

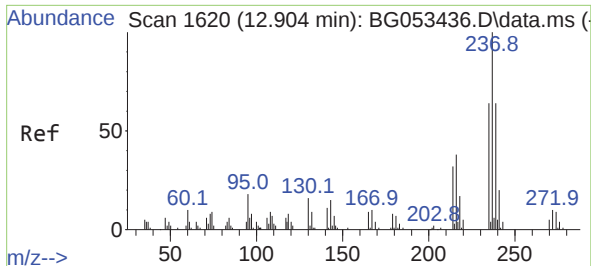


#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.200 ng
RT: 12.828 min Scan# 1675
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



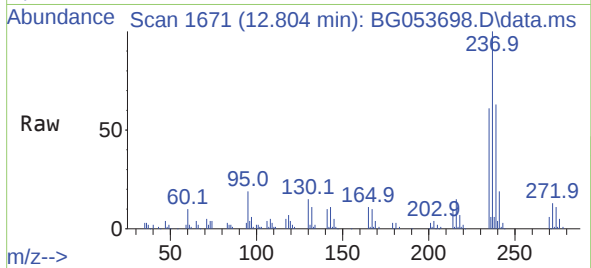
Tgt Ion:216 Resp: 106253
Ion Ratio Lower Upper
216 100
214 76.9 62.9 94.3
179 19.7 16.1 24.1
108 17.2 12.2 18.2





#41
Hexachlorocyclopentadiene
Concen: 85.264 ng
RT: 12.804 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

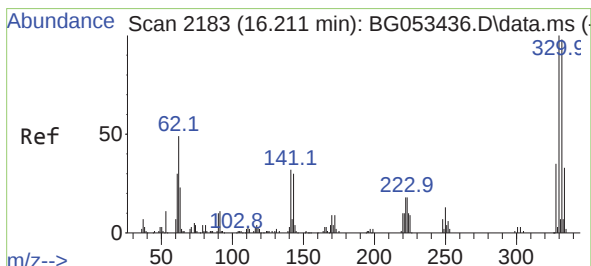
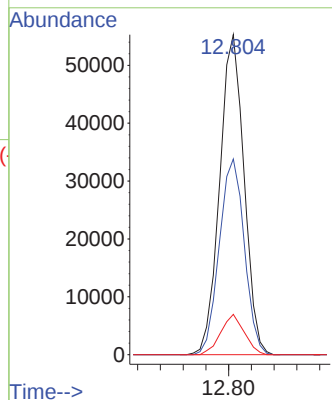
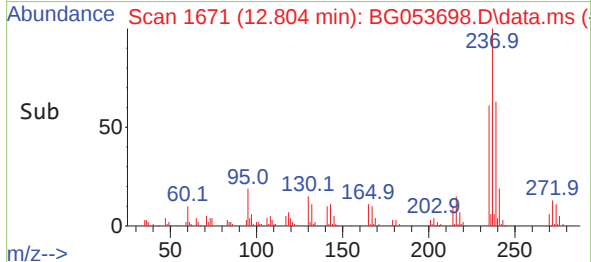
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:237 Resp: 8226
Ion Ratio Lower Upper
237 100
235 61.1 43.5 83.5
272 12.6 0.0 30.1

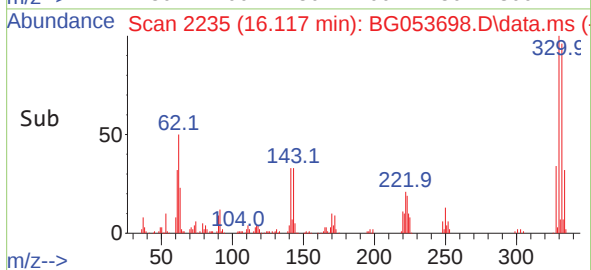
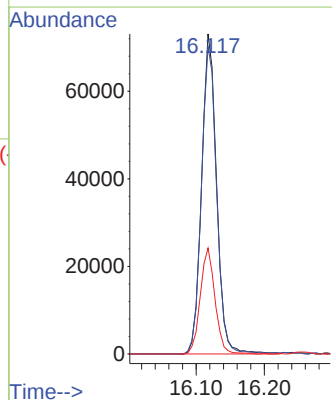
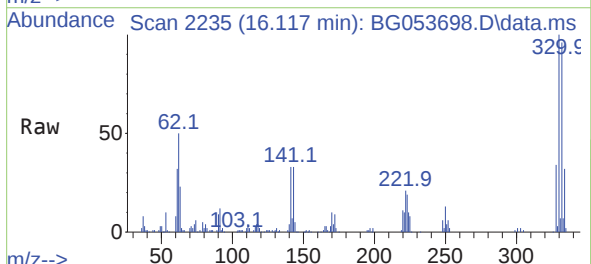
Manual Integrations
APPROVED

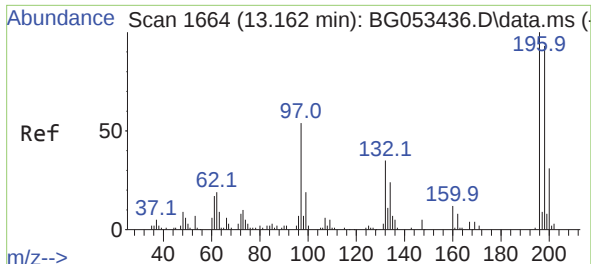
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#42
2,4,6-Tribromophenol
Concen: 101.453 ng
RT: 16.117 min Scan# 2235
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:330 Resp: 111589
Ion Ratio Lower Upper
330 100
332 97.3 76.0 114.0
141 32.5 27.1 40.7





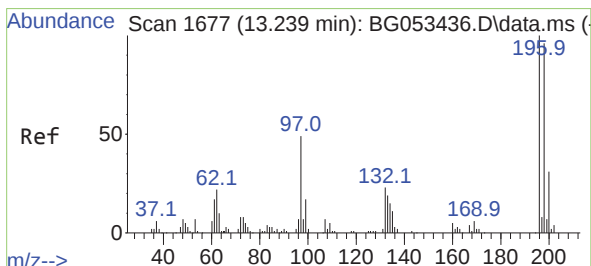
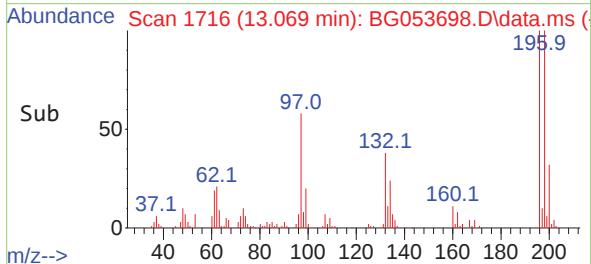
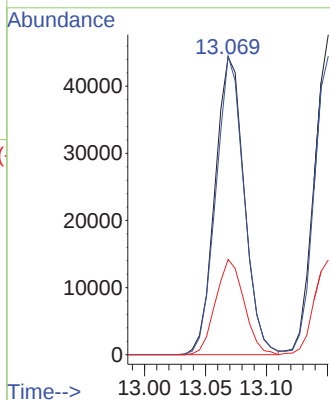
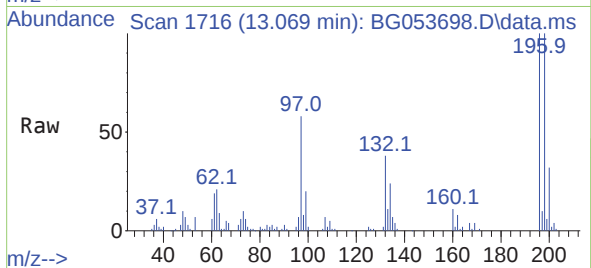
#43
2,4,6-Trichlorophenol
Concen: 48.296 ng
RT: 13.069 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Tgt Ion:196 Resp: 74108
Ion Ratio Lower Upper
196 100
198 100.4 74.1 111.1
200 32.0 24.7 37.1

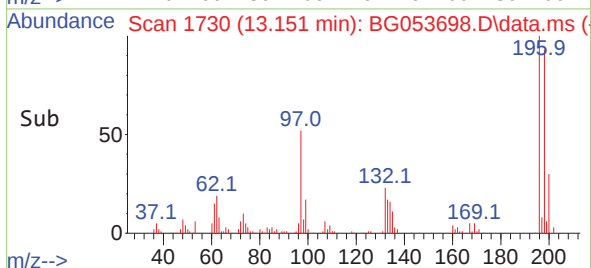
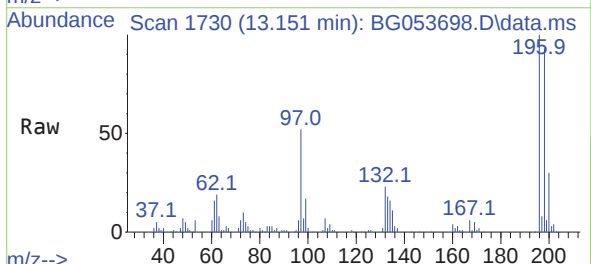
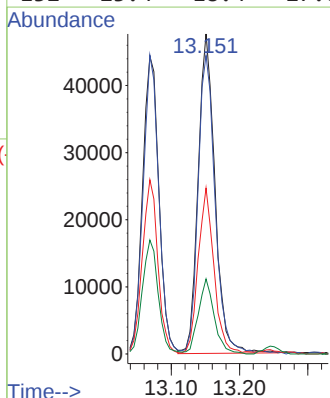
Manual Integrations
APPROVED

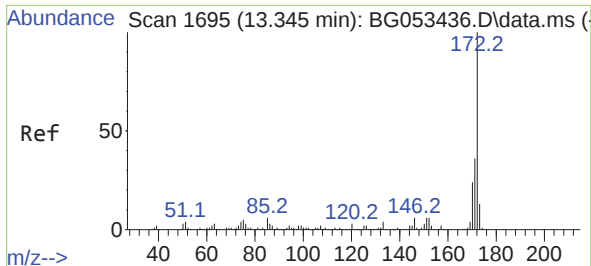
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#44
2,4,5-Trichlorophenol
Concen: 50.048 ng
RT: 13.151 min Scan# 1730
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

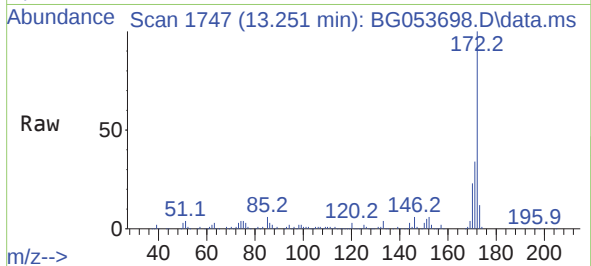
Tgt Ion:196 Resp: 81734
Ion Ratio Lower Upper
196 100
198 93.3 76.8 115.2
97 51.8 39.8 59.6
132 23.4 18.4 27.6





#45
2-Fluorobiphenyl
Concen: 62.175 ng
RT: 13.251 min Scan# 1747
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

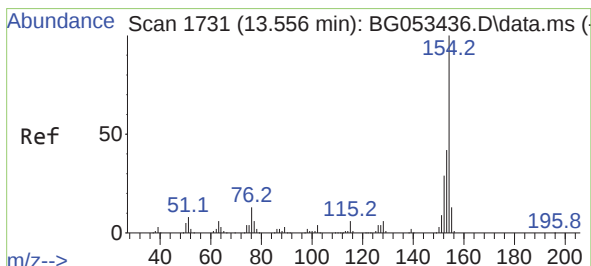
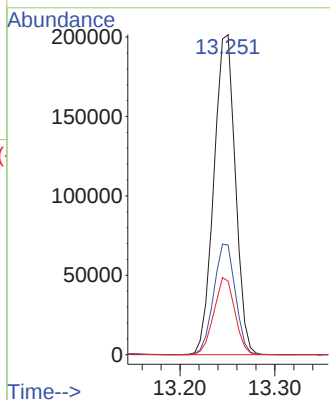
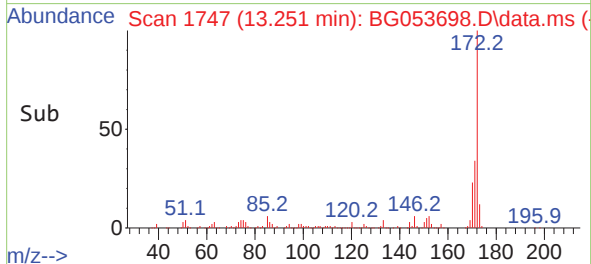
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:172 Resp: 31730
Ion Ratio Lower Upper
172 100
171 34.2 28.5 42.7
170 23.0 18.9 28.3

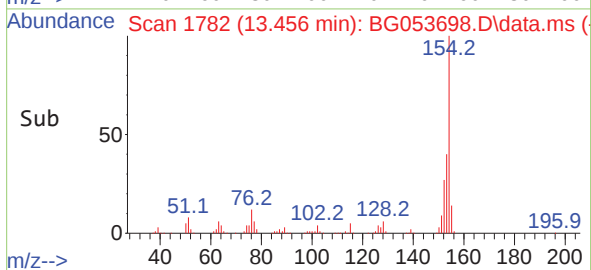
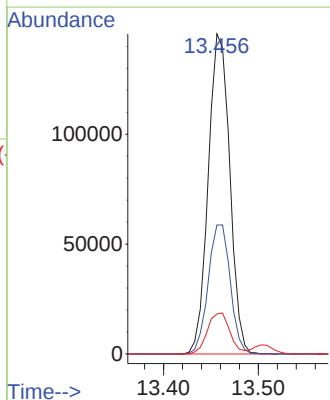
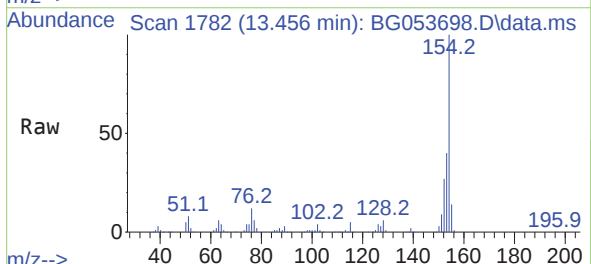
Manual Integrations
APPROVED

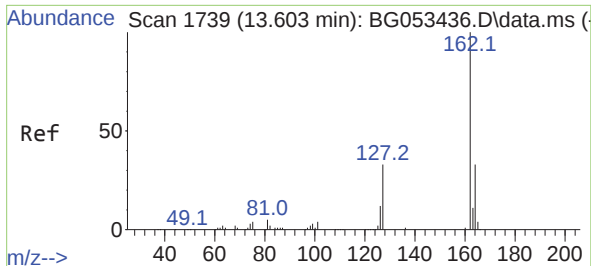
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#46
1,1'-Biphenyl
Concen: 45.205 ng
RT: 13.456 min Scan# 1782
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

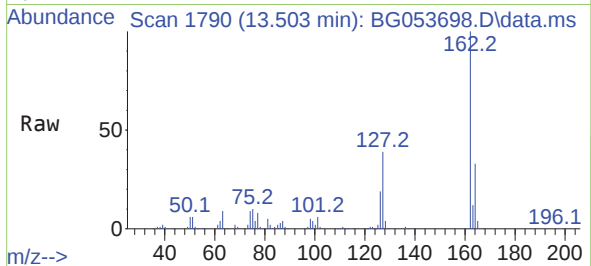
Tgt Ion:154 Resp: 229796
Ion Ratio Lower Upper
154 100
153 40.3 21.6 61.6
76 12.5 0.0 32.6





#47
2-Chloronaphthalene
Concen: 45.260 ng
RT: 13.503 min Scan# 11
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

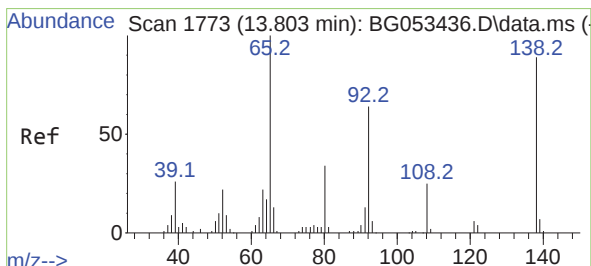
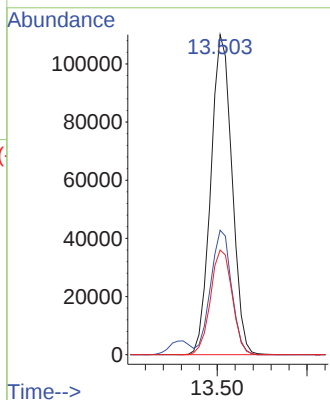
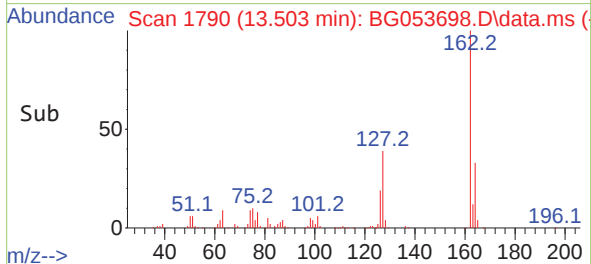
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



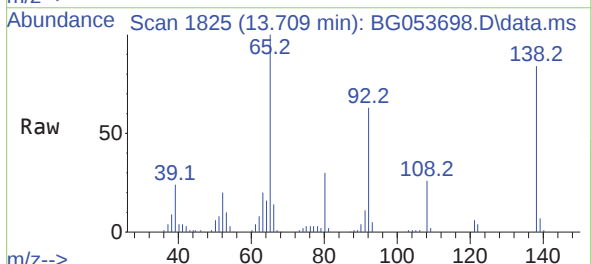
Tgt Ion:162 Resp: 180258
Ion Ratio Lower Upper
162 100
127 38.9 30.6 45.8
164 32.7 26.5 39.7

Manual Integrations
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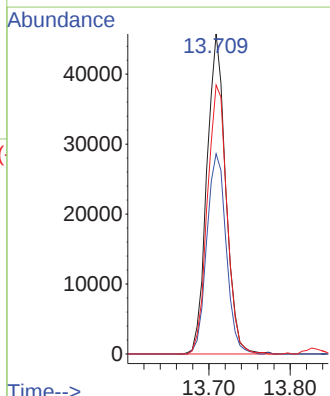
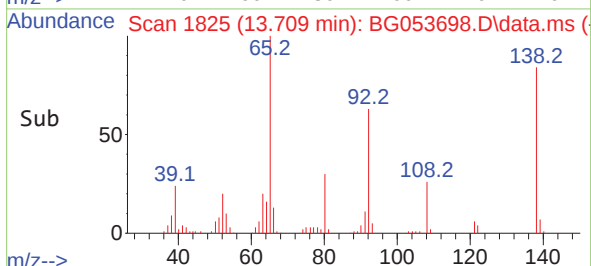
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

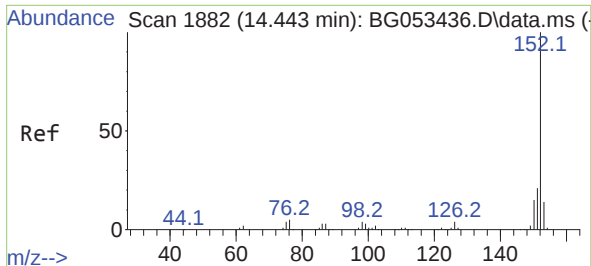


#48
2-Nitroaniline
Concen: 49.604 ng
RT: 13.709 min Scan# 1825
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



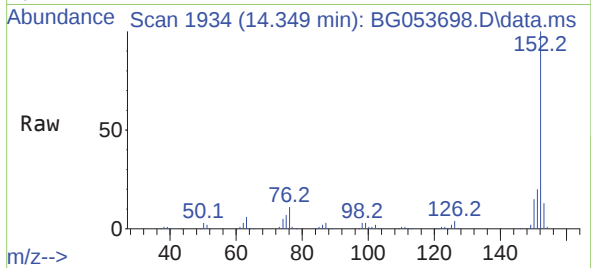
Tgt Ion: 65 Resp: 73614
Ion Ratio Lower Upper
65 100
92 62.5 51.5 77.3
138 84.1 71.3 106.9





#49
Acenaphthylene
Concen: 48.856 ng
RT: 14.349 min Scan# 1882
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

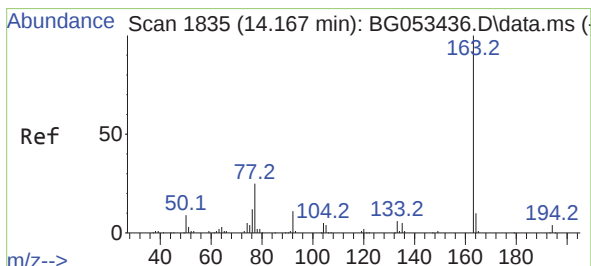
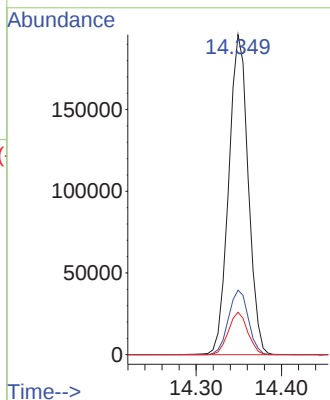
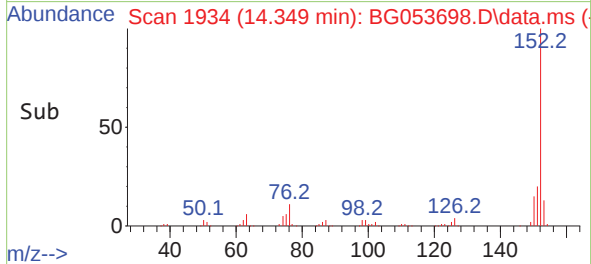
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



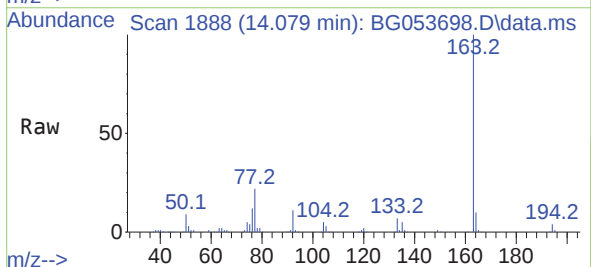
Tgt Ion:152 Resp: 310490
Ion Ratio Lower Upper
152 100
151 20.2 16.4 24.6
153 13.2 10.8 16.2

Manual Integrations
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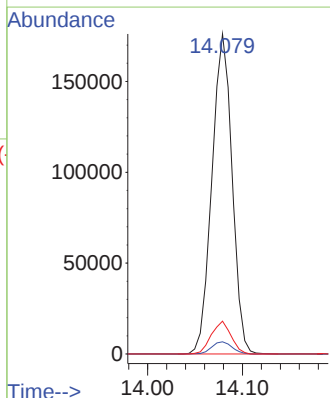
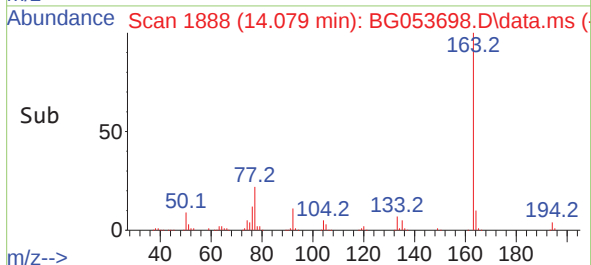
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

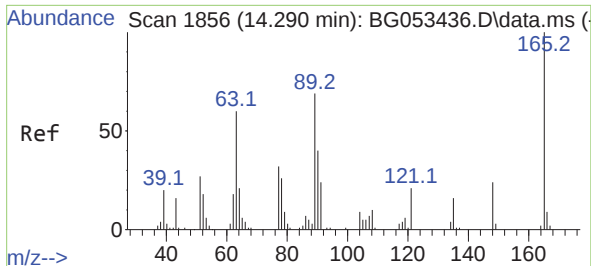


#50
Dimethylphthalate
Concen: 45.976 ng
RT: 14.079 min Scan# 1888
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



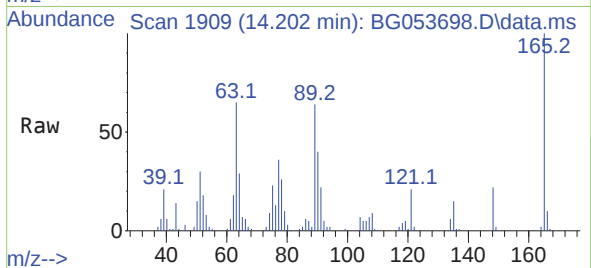
Tgt Ion:163 Resp: 260549
Ion Ratio Lower Upper
163 100
194 3.8 3.0 4.6
164 10.3 8.0 12.0





#51
2,6-Dinitrotoluene
Concen: 47.722 ng
RT: 14.202 min Scan# 1909
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

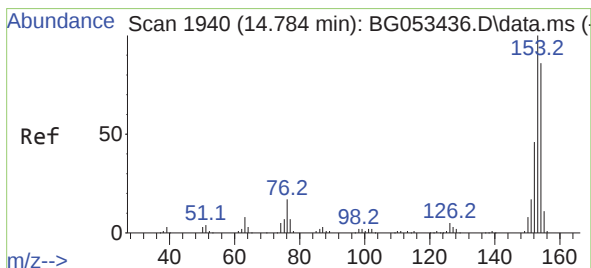
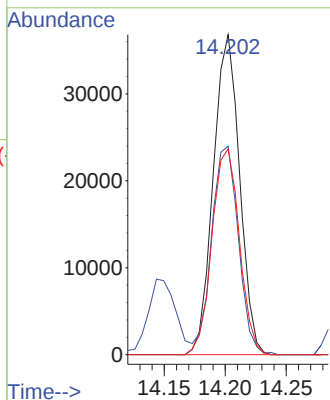
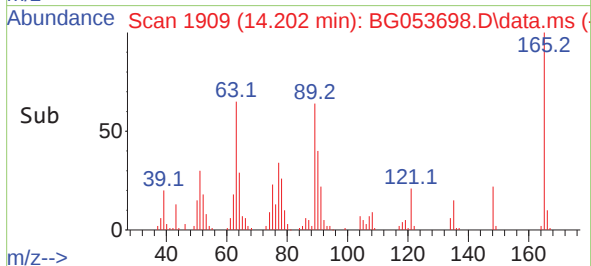
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



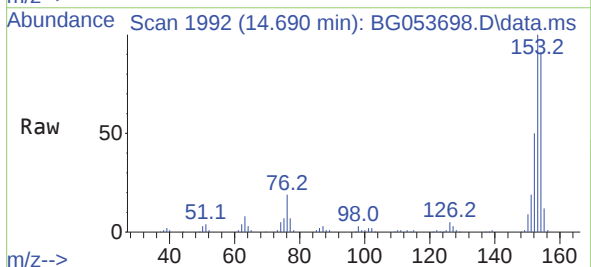
Tgt Ion:165 Resp: 55098
Ion Ratio Lower Upper
165 100
63 65.1 54.1 81.1
89 64.3 54.8 82.2

Manual Integrations
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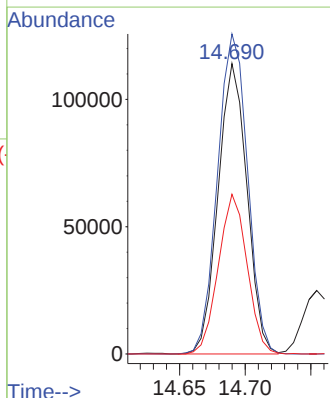
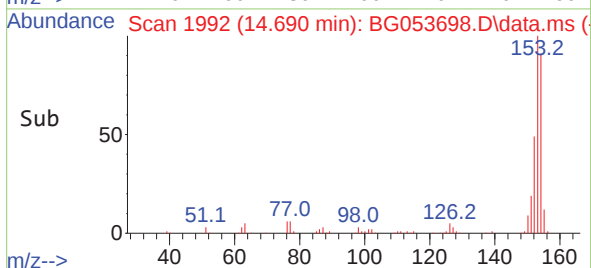
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

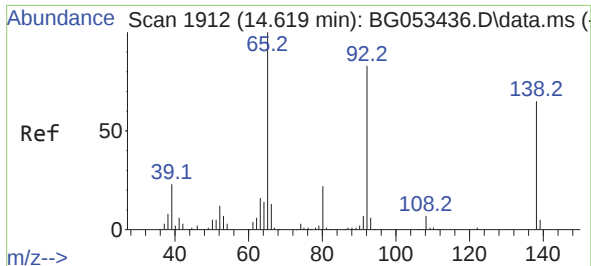


#52
Acenaphthene
Concen: 46.110 ng
RT: 14.690 min Scan# 1992
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



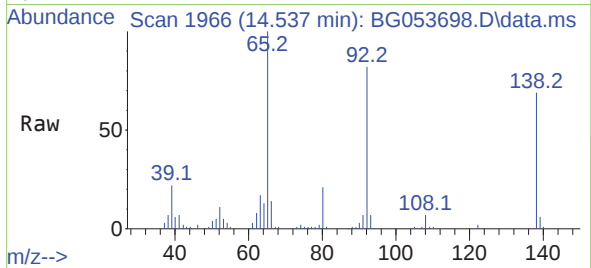
Tgt Ion:154 Resp: 174639
Ion Ratio Lower Upper
154 100
153 110.2 92.7 139.1
152 55.0 42.6 64.0





#53
3-Nitroaniline
Concen: 31.893 ng
RT: 14.537 min Scan# 1912
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

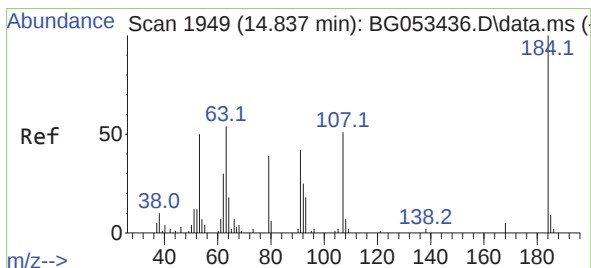
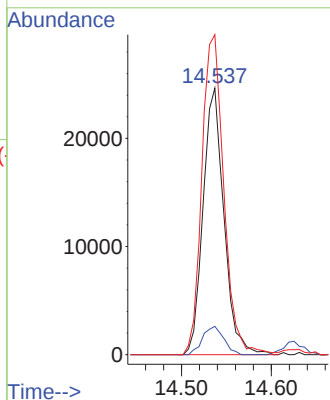
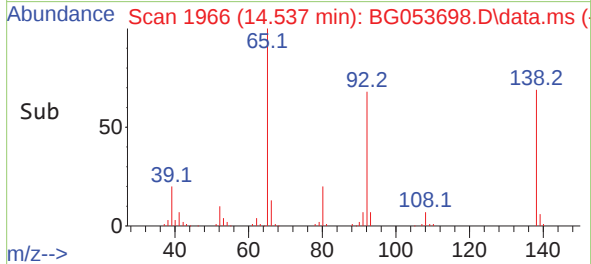
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



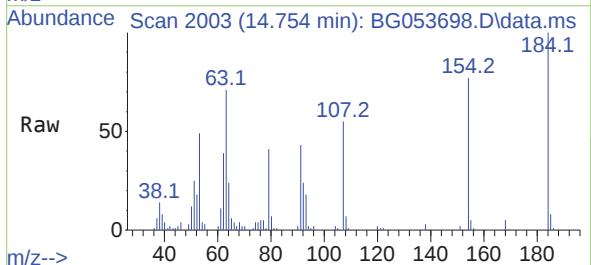
Tgt Ion:138 Resp: 39780
Ion Ratio Lower Upper
138 100
108 10.6 9.2 13.8
92 120.0 101.9 152.9

Manual Integrations
APPROVED

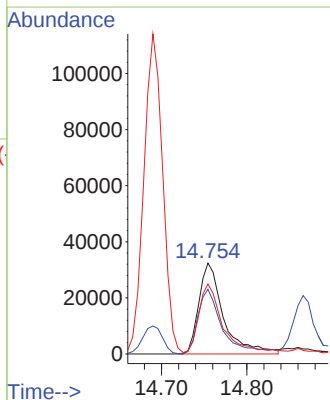
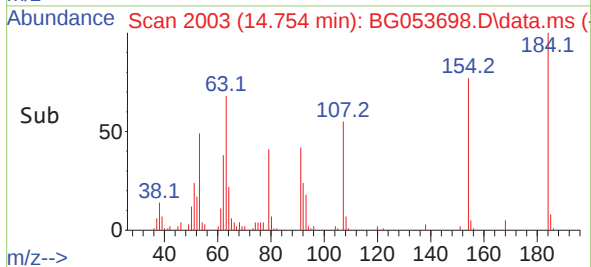
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

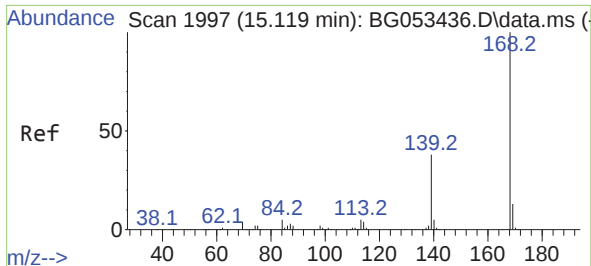


#54
2,4-Dinitrophenol
Concen: 87.942 ng
RT: 14.754 min Scan# 2003
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



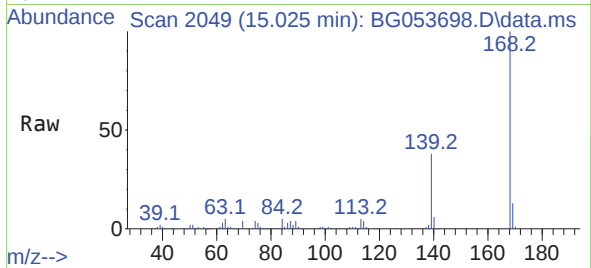
Tgt Ion:184 Resp: 64944
Ion Ratio Lower Upper
184 100
63 71.2 61.1 91.7
154 77.0 60.6 91.0





#55
Dibenzenofuran
Concen: 44.911 ng
RT: 15.025 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

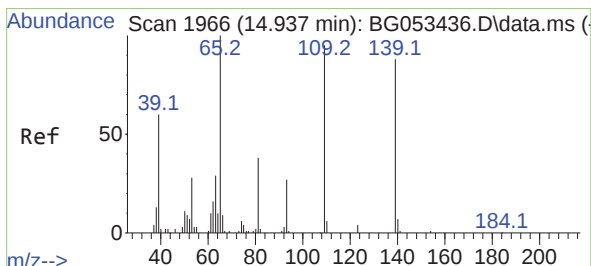
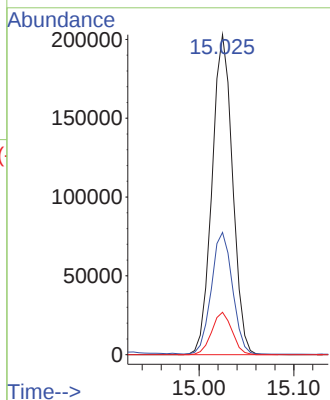
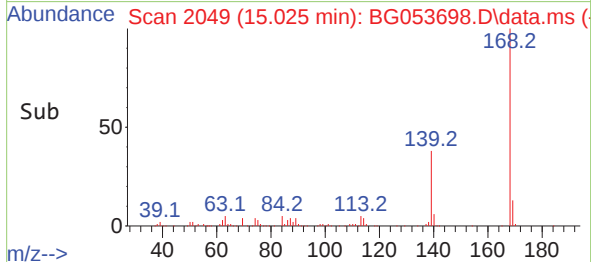
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:168 Resp: 30553
Ion Ratio Lower Upper
168 100
139 38.2 30.5 45.7
169 13.2 10.3 15.5

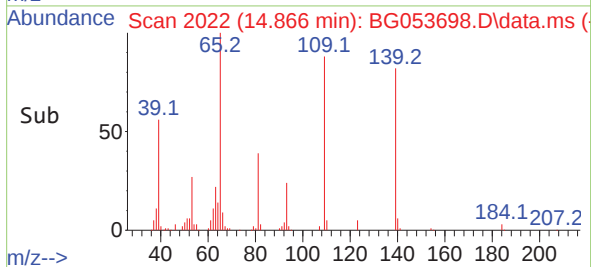
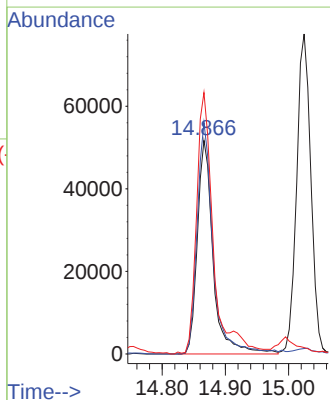
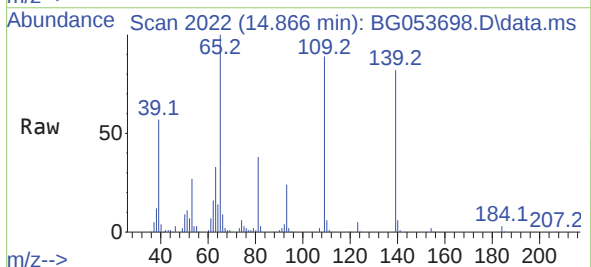
Manual Integrations
APPROVED

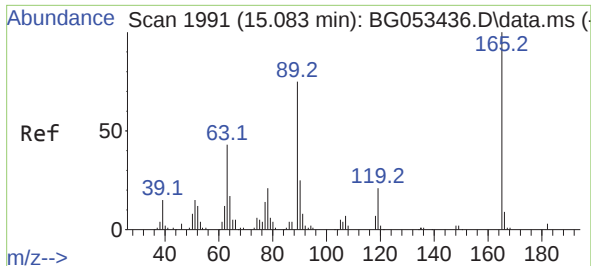
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#56
4-Nitrophenol
Concen: 101.026 ng
RT: 14.866 min Scan# 2022
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

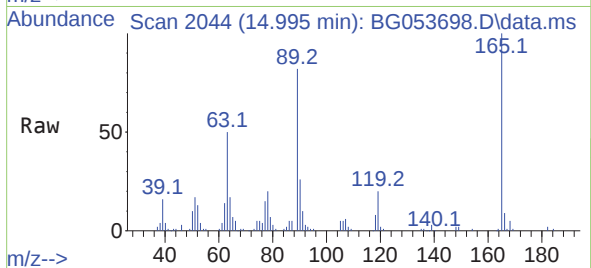
Tgt Ion:139 Resp: 90016
Ion Ratio Lower Upper
139 100
109 108.4 88.5 128.5
65 122.4 93.9 133.9





#57
2,4-Dinitrotoluene
Concen: 49.897 ng
RT: 14.995 min Scan# 2044
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

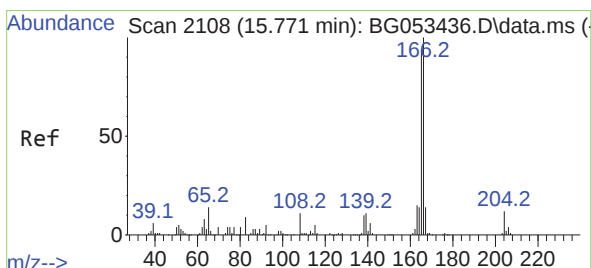
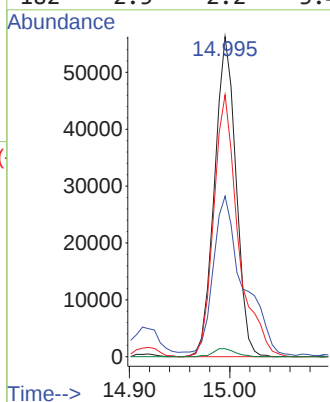
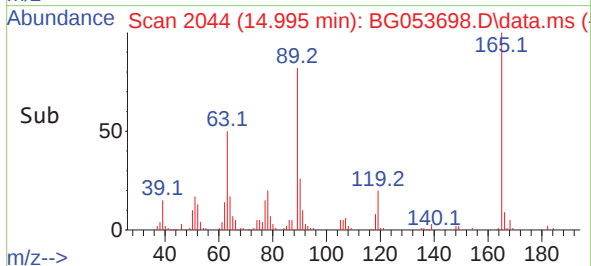
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



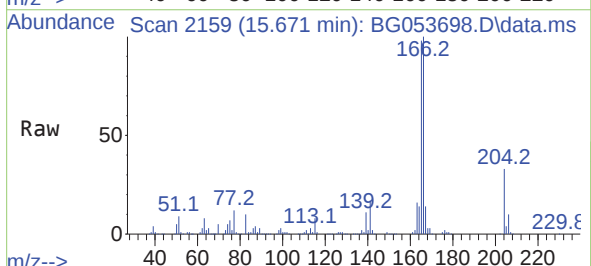
Tgt Ion:165 Resp: 8350
Ion Ratio Lower Upper
165 100
63 50.1 34.6 52.0
89 81.8 60.3 90.5
182 2.5 2.2 3.4

Manual Integrations
APPROVED

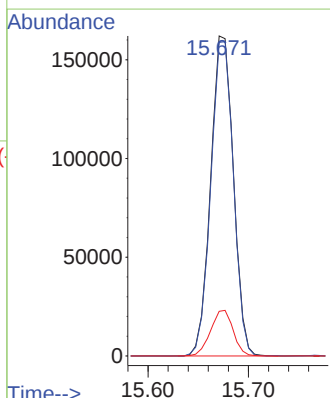
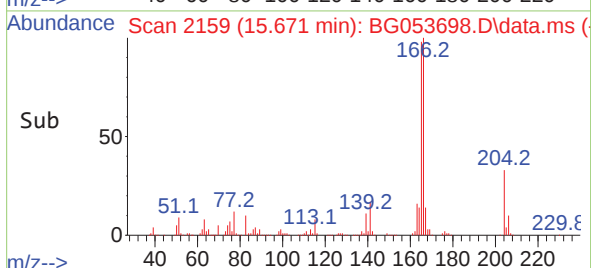
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

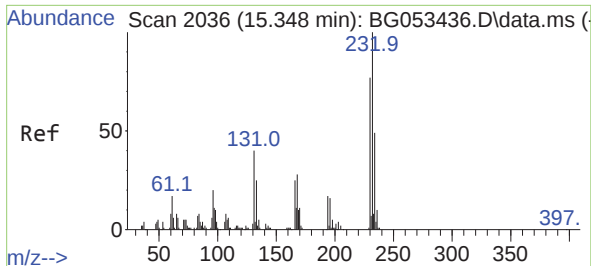


#58
Fluorene
Concen: 46.639 ng
RT: 15.671 min Scan# 2159
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



Tgt Ion:166 Resp: 254620
Ion Ratio Lower Upper
166 100
165 98.0 75.0 112.6
167 14.0 10.8 16.2





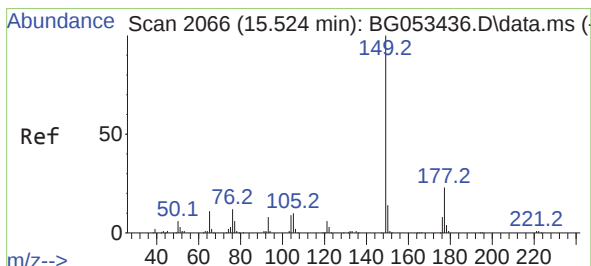
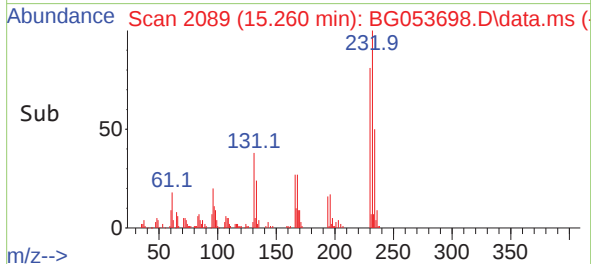
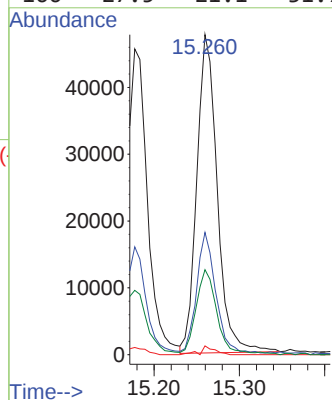
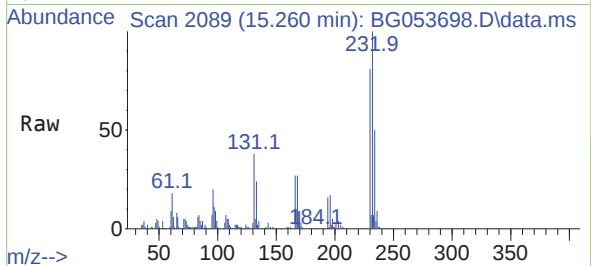
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.862 ng
RT: 15.260 min Scan# 2036
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD

Tgt Ion:232 Resp: 79300
Ion Ratio Lower Upper
232 100
131 35.5 30.6 46.0
130 1.9 1.8 2.8
166 27.5 21.1 31.7

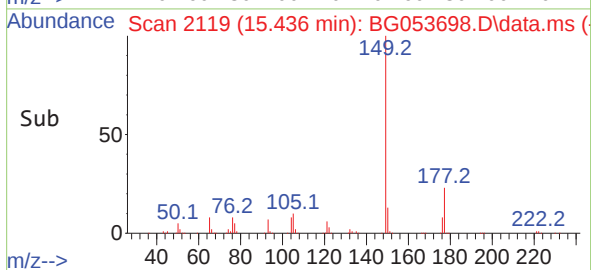
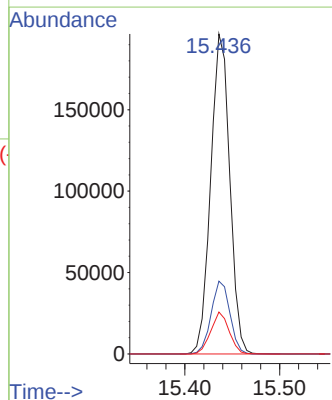
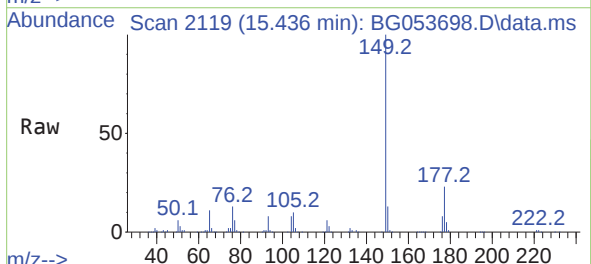
Manual Integrations
APPROVED

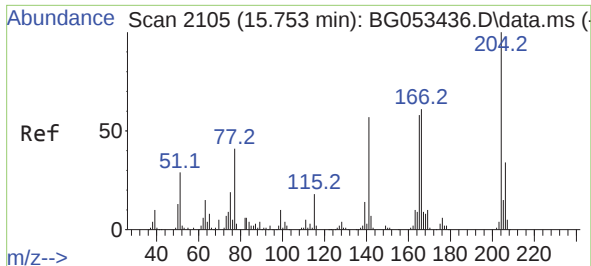
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#60
Diethylphthalate
Concen: 46.860 ng
RT: 15.436 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

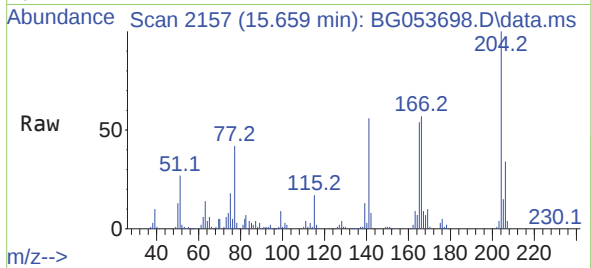
Tgt Ion:149 Resp: 274312
Ion Ratio Lower Upper
149 100
177 22.7 18.4 27.6
150 13.1 11.2 16.8





#61
4-Chlorophenyl-phenylether
Concen: 46.094 ng
RT: 15.659 min Scan# 2105
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

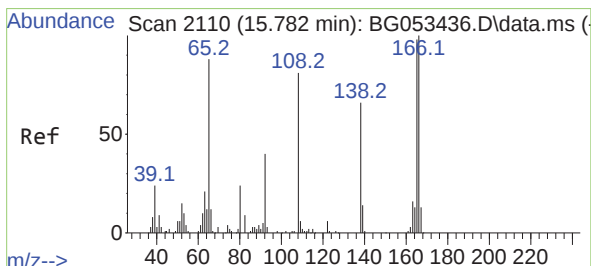
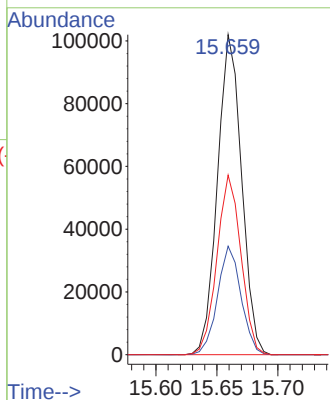
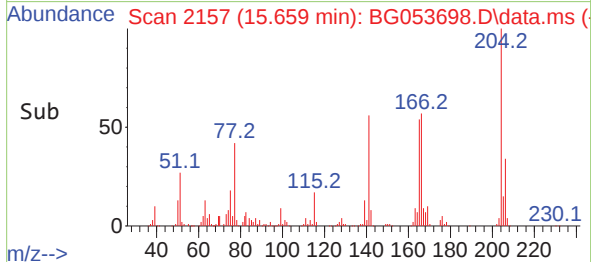
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



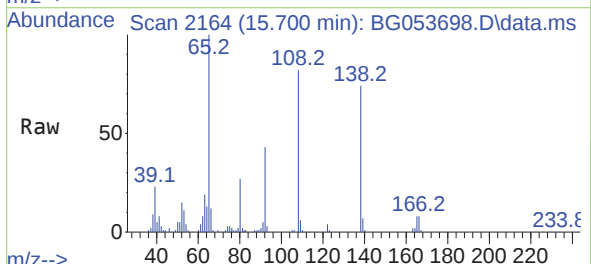
Tgt Ion:204 Resp: 140419
Ion Ratio Lower Upper
204 100
206 33.9 27.5 41.3
141 56.1 45.3 67.9

Manual Integrations
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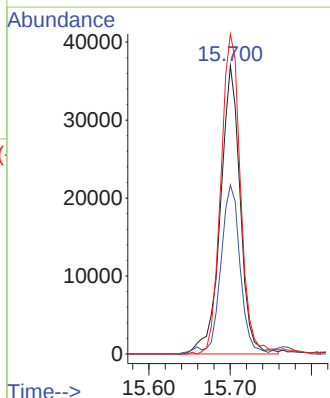
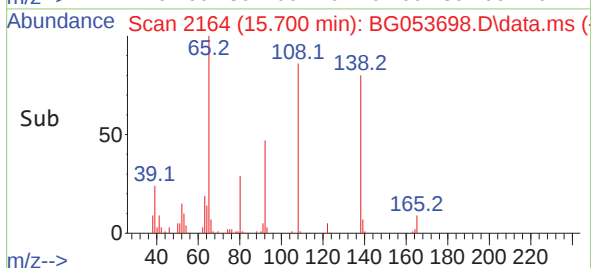
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

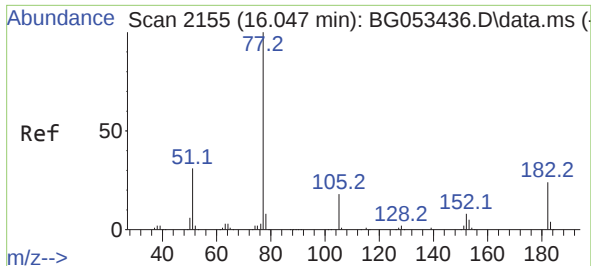


#62
4-Nitroaniline
Concen: 48.424 ng
RT: 15.700 min Scan# 2164
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



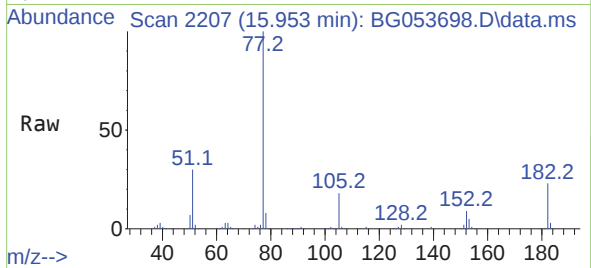
Tgt Ion:138 Resp: 62656
Ion Ratio Lower Upper
138 100
92 58.6 40.5 80.5
108 111.0 103.7 143.7





#63
Azobenzene
Concen: 45.742 ng
RT: 15.953 min Scan# 2155
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

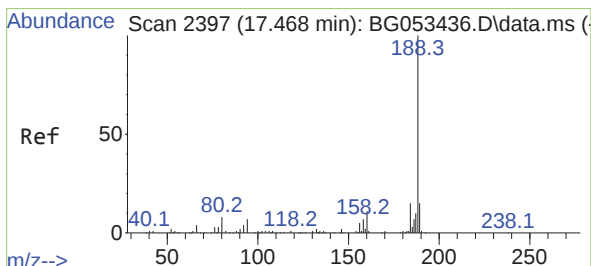
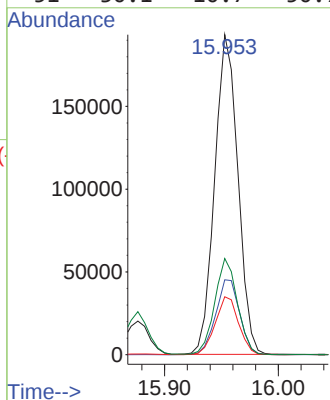
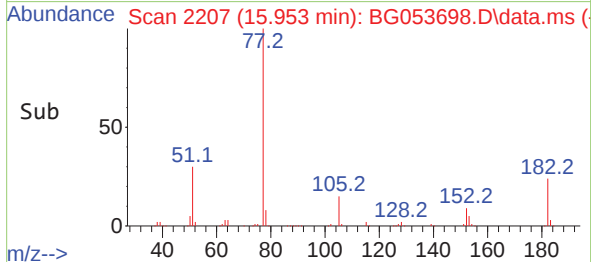
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion: 77 Resp: 27419
Ion Ratio Lower Upper
77 100
182 23.4 3.8 43.8
105 18.1 0.0 37.8
51 30.1 10.7 50.7

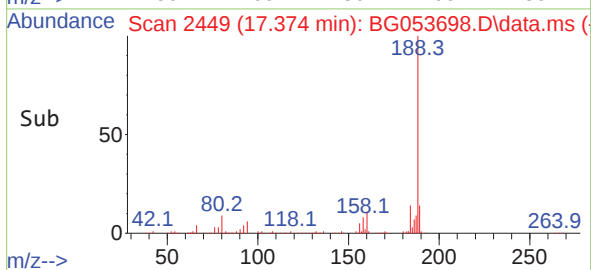
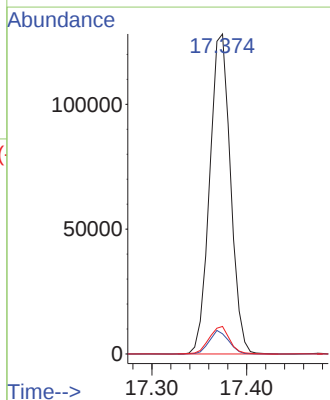
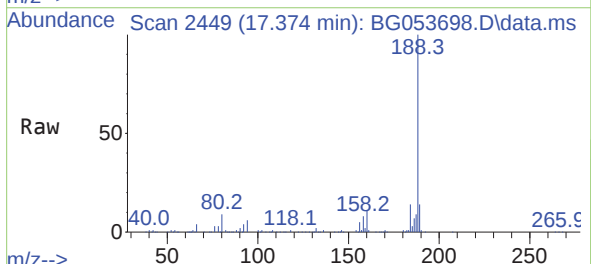
Manual Integrations
APPROVED

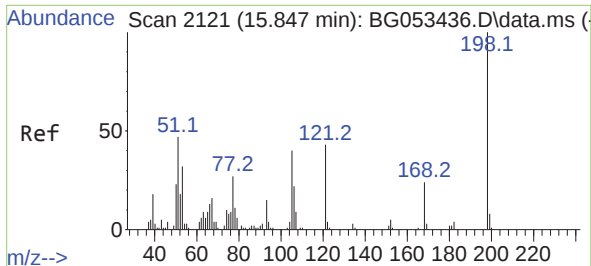
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.374 min Scan# 2449
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

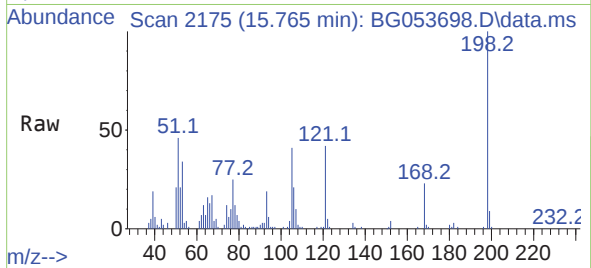
Tgt Ion:188 Resp: 195602
Ion Ratio Lower Upper
188 100
94 6.3 5.4 8.0
80 8.6 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 45.818 ng
RT: 15.765 min Scan# 2119
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

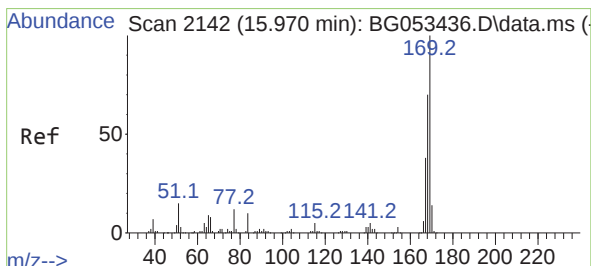
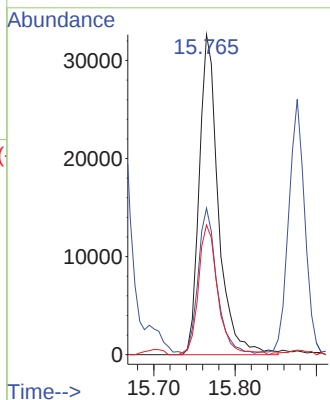
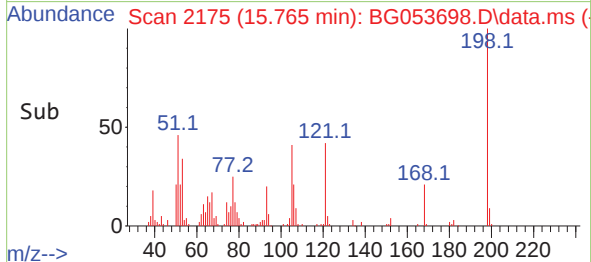
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



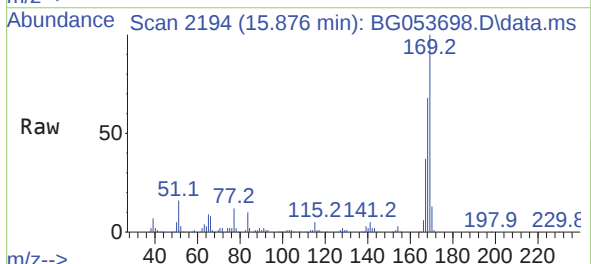
Tgt Ion:198 Resp: 5340
Ion Ratio Lower Upper
198 100
51 45.8 28.1 68.1
105 40.6 20.3 60.3

Manual Integrations
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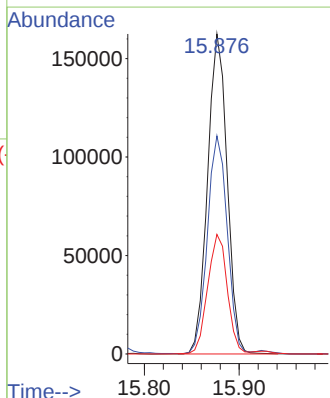
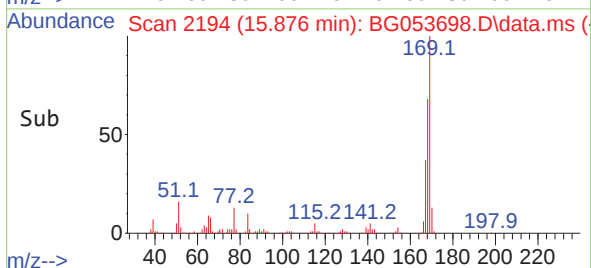
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

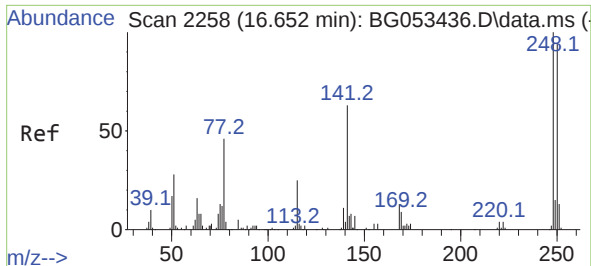


#66
n-Nitrosodiphenylamine
Concen: 45.383 ng
RT: 15.876 min Scan# 2194
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



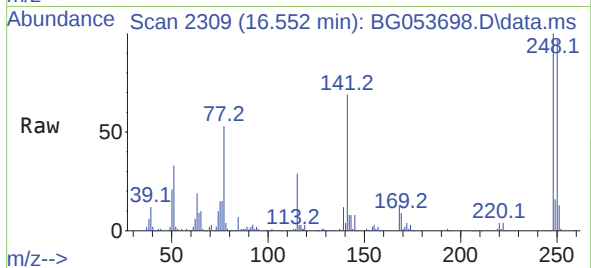
Tgt Ion:169 Resp: 233069
Ion Ratio Lower Upper
169 100
168 68.1 55.9 83.9
167 37.3 30.6 46.0





#67
4-Bromophenyl-phenylether
Concen: 44.116 ng
RT: 16.552 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

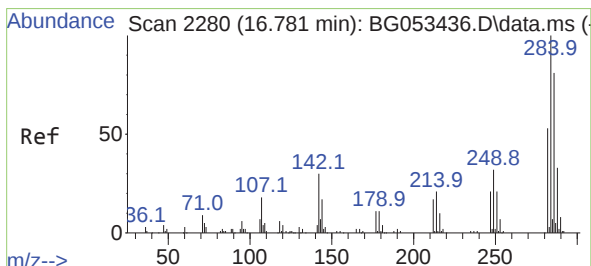
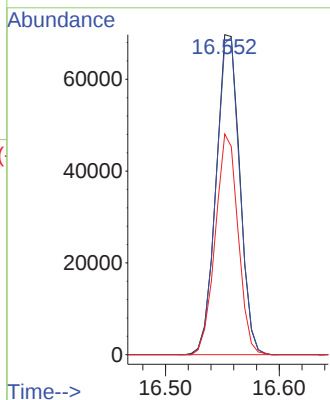
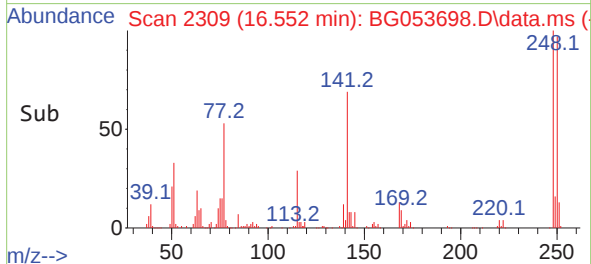
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



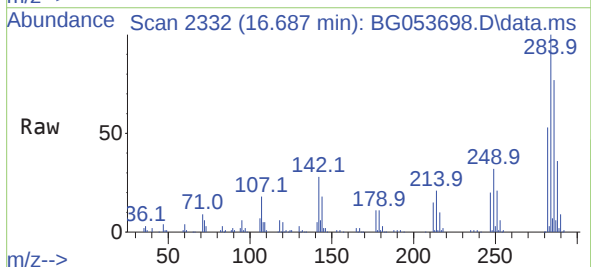
Tgt Ion:248 Resp: 100778
Ion Ratio Lower Upper
248 100
250 97.3 75.2 112.8
141 68.9 50.0 75.0

Manual Integrations
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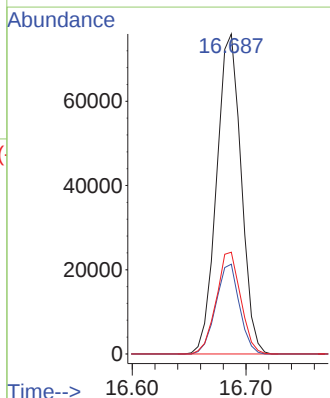
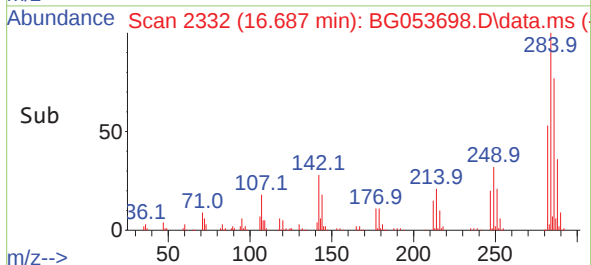
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

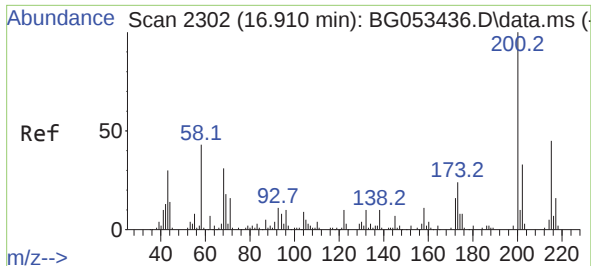


#68
Hexachlorobenzene
Concen: 45.558 ng
RT: 16.687 min Scan# 2332
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



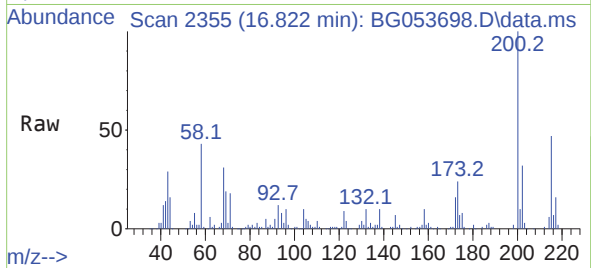
Tgt Ion:284 Resp: 113979
Ion Ratio Lower Upper
284 100
142 28.0 23.6 35.4
249 31.8 25.8 38.6





#69
Atrazine
Concen: 47.924 ng
RT: 16.822 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

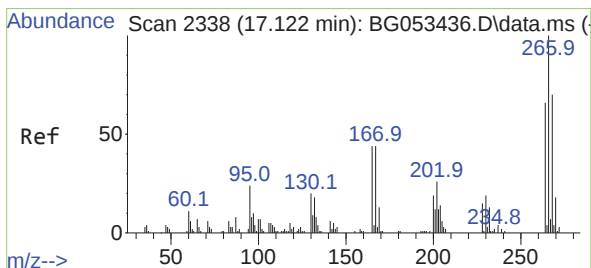
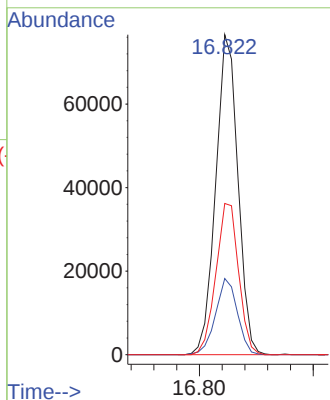
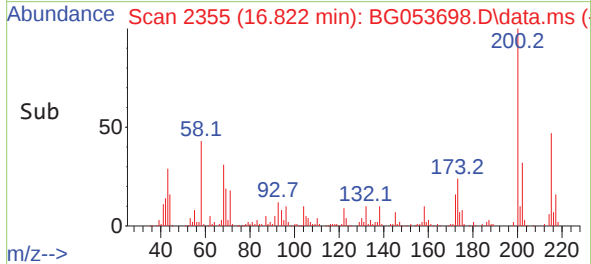
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:200 Resp: 103610
Ion Ratio Lower Upper
200 100
173 23.8 3.7 43.7
215 47.3 25.2 65.2

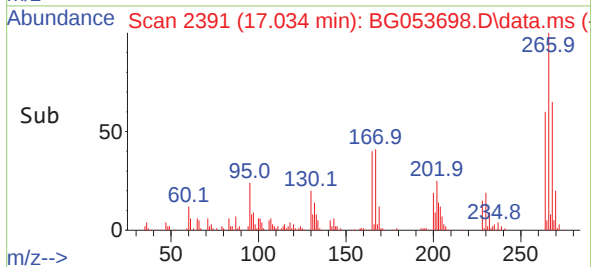
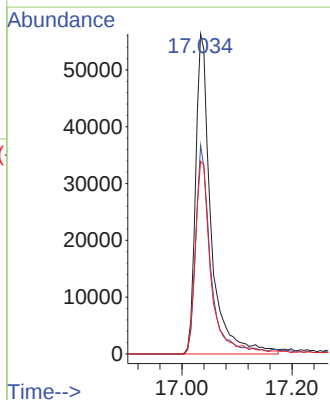
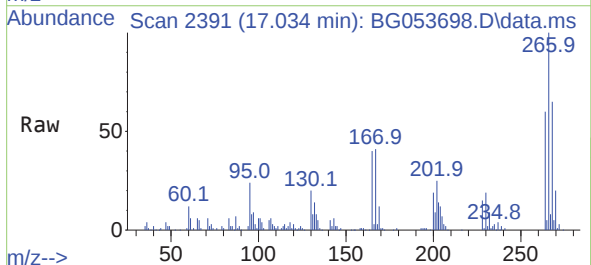
Manual Integrations
APPROVED

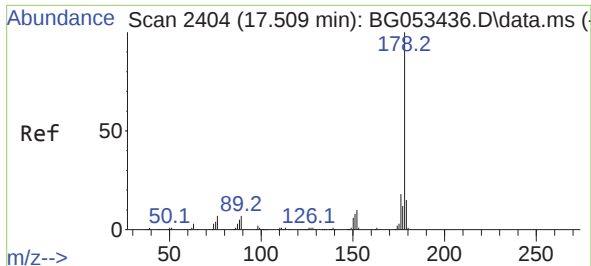
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#70
Pentachlorophenol
Concen: 81.169 ng
RT: 17.034 min Scan# 2391
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

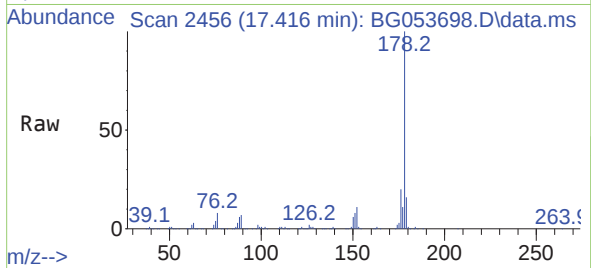
Tgt Ion:266 Resp: 109459
Ion Ratio Lower Upper
266 100
268 65.2 56.2 84.2
264 60.2 53.0 79.4





#71
Phenanthrene
Concen: 45.627 ng
RT: 17.416 min Scan# 2404
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

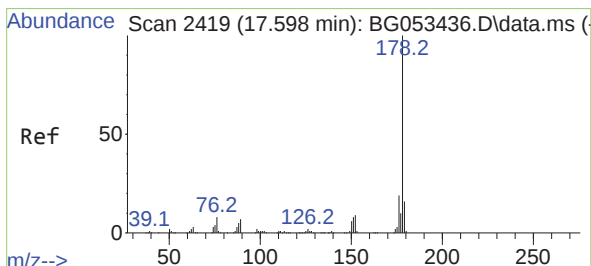
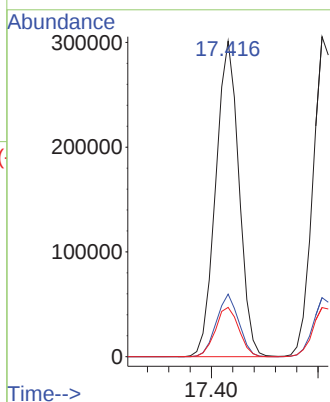
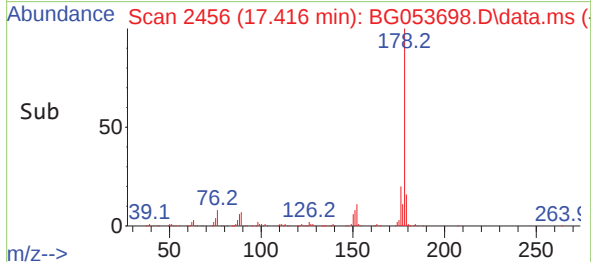
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:178 Resp: 453805
Ion Ratio Lower Upper
178 100
176 19.8 14.1 21.1
179 15.6 12.1 18.1

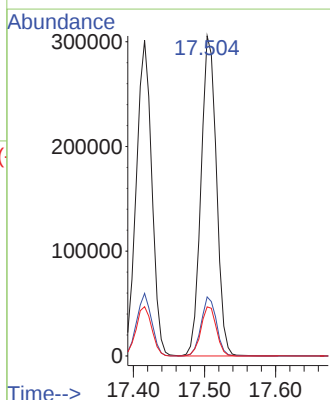
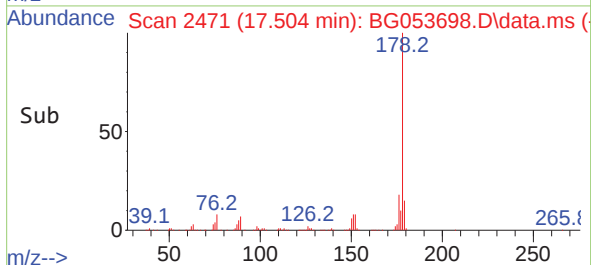
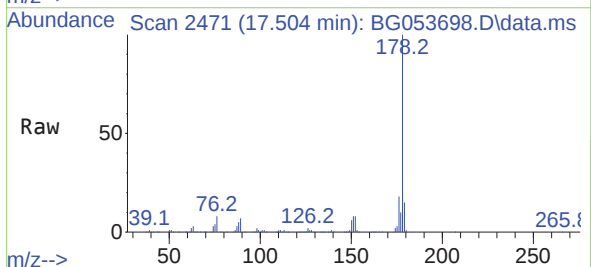
Manual Integrations
APPROVED

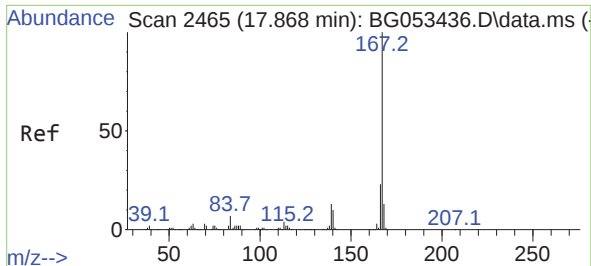
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#72
Anthracene
Concen: 47.193 ng
RT: 17.504 min Scan# 2471
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

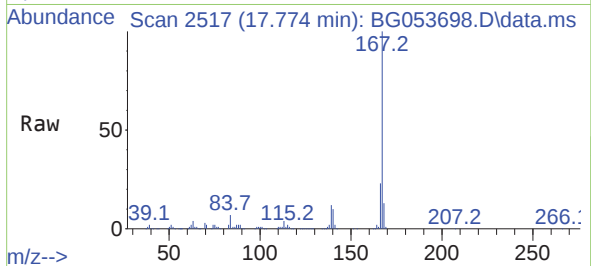
Tgt Ion:178 Resp: 461366
Ion Ratio Lower Upper
178 100
176 18.5 15.2 22.8
179 15.4 13.0 19.4





#73
Carbazole
Concen: 45.060 ng
RT: 17.774 min Scan# 21
Delta R.T. -0.005 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

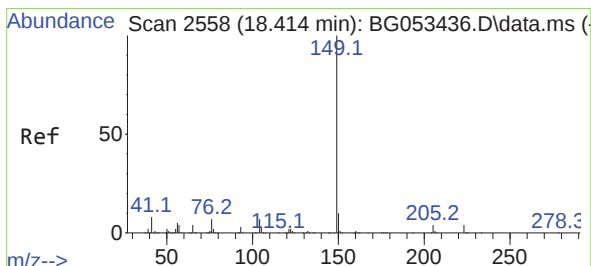
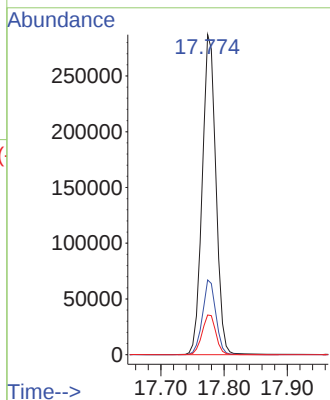
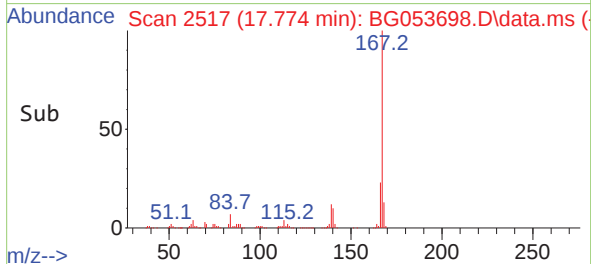
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:167 Resp: 431724
Ion Ratio Lower Upper
167 100
166 23.3 18.2 27.2
139 12.4 10.1 15.1

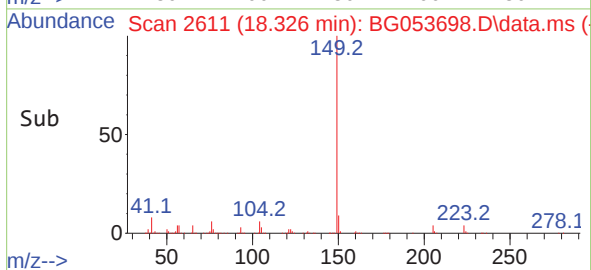
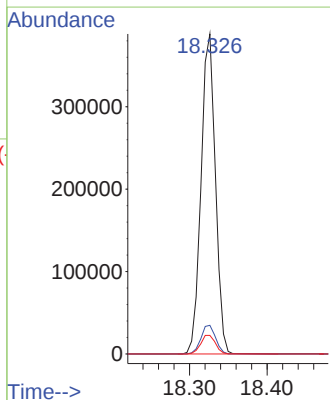
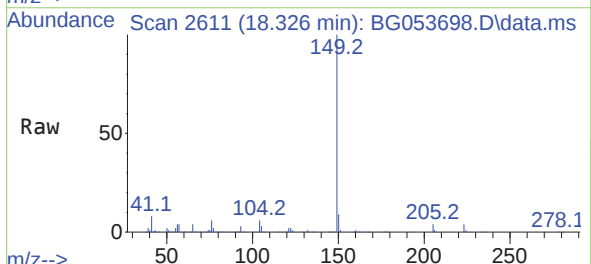
Manual Integrations
APPROVED

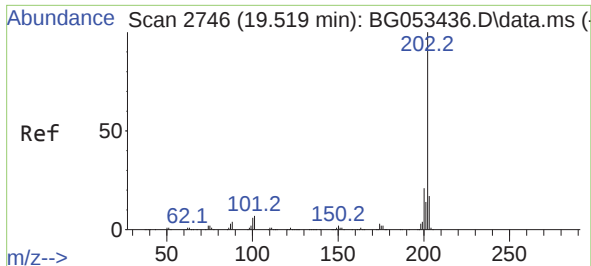
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#74
Di-n-butylphthalate
Concen: 46.275 ng
RT: 18.326 min Scan# 2611
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

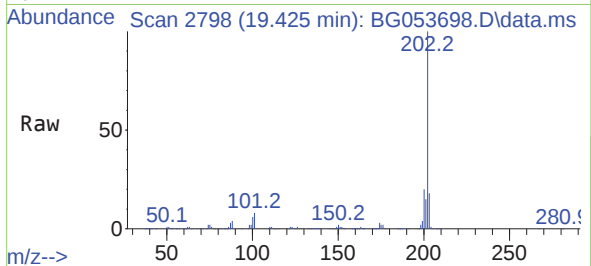
Tgt Ion:149 Resp: 498641
Ion Ratio Lower Upper
149 100
150 9.0 7.7 11.5
104 5.8 5.4 8.0





#75
Fluoranthene
Concen: 45.204 ng
RT: 19.425 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

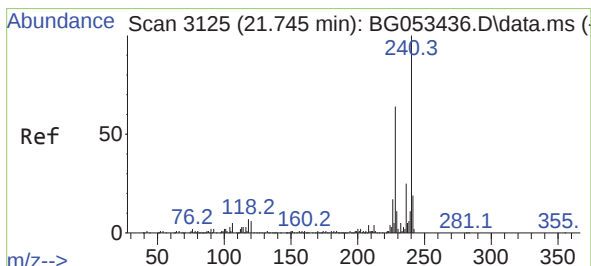
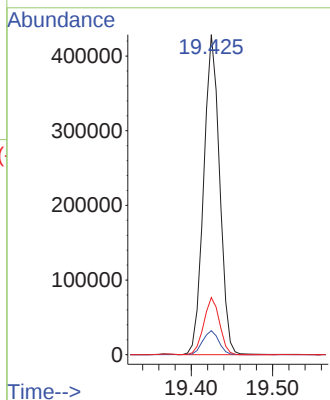
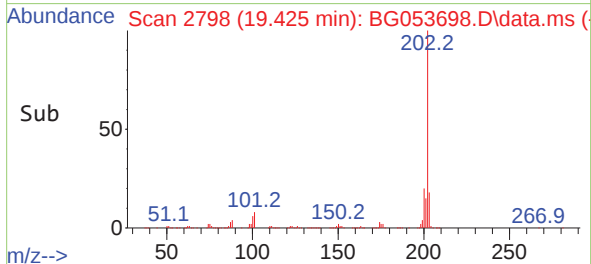
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:202 Resp: 58214
Ion Ratio Lower Upper
202 100
101 7.5 0.0 26.9
203 17.9 0.0 37.2

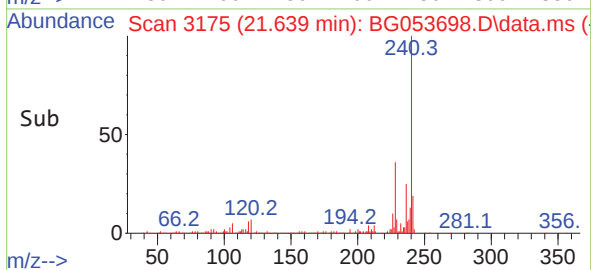
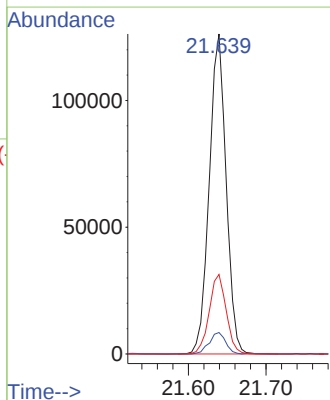
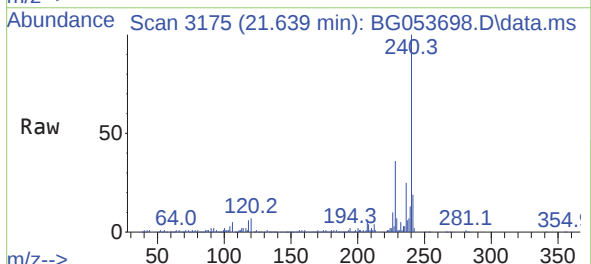
Manual Integrations
APPROVED

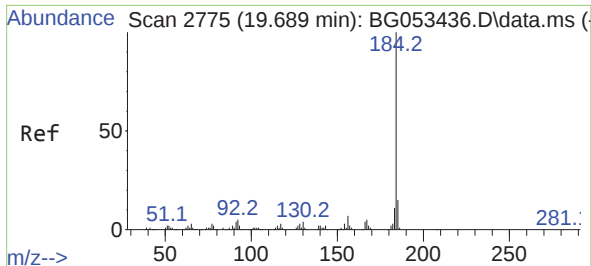
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.639 min Scan# 3175
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

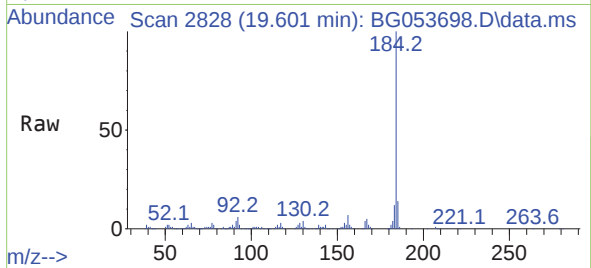
Tgt Ion:240 Resp: 190907
Ion Ratio Lower Upper
240 100
120 6.7 4.6 7.0
236 24.9 20.2 30.4





#77
Benzidine
Concen: 61.053 ng
RT: 19.601 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

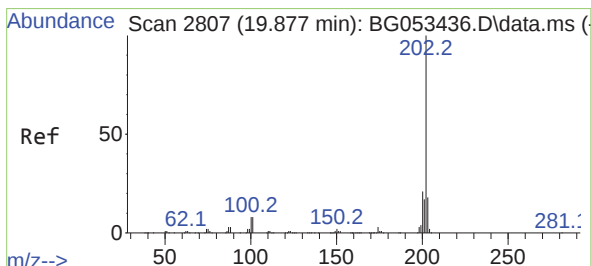
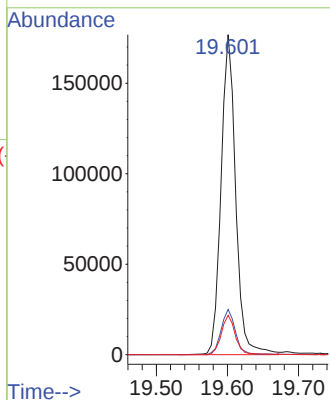
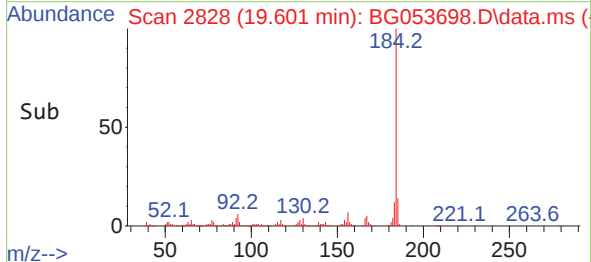
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



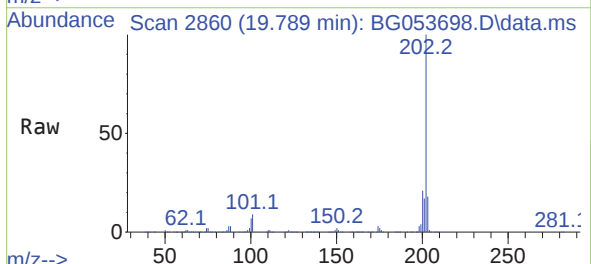
Tgt Ion:184 Resp: 251219
Ion Ratio Lower Upper
184 100
185 14.1 11.8 17.6
183 12.3 8.9 13.3

Manual Integrations
APPROVED

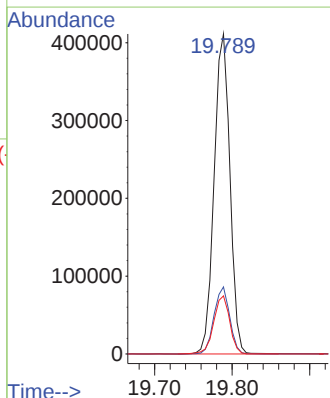
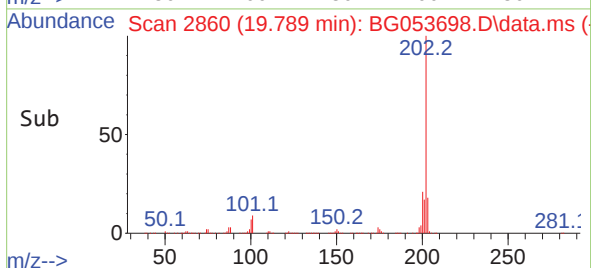
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022

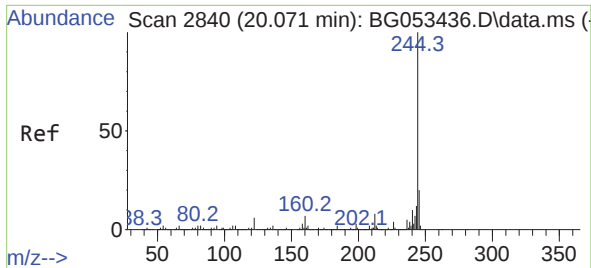


#78
Pyrene
Concen: 47.004 ng
RT: 19.789 min Scan# 2860
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



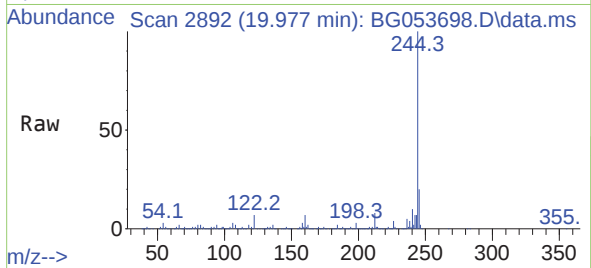
Tgt Ion:202 Resp: 580898
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 18.2 14.6 21.8





#79
 Terphenyl-d14
 Concen: 67.284 ng
 RT: 19.977 min Scan# 21
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

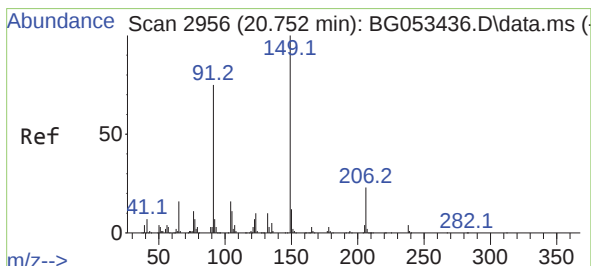
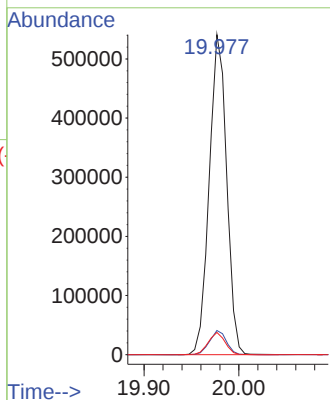
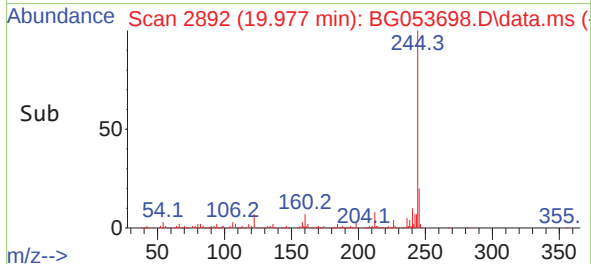
Instrument :
 BNA_G
 ClientSampleId :
 P024-SS007-0006-01MSD



Tgt Ion:244 Resp: 689670
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 7.0 5.0 7.4

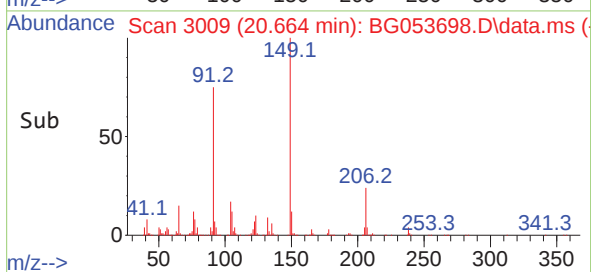
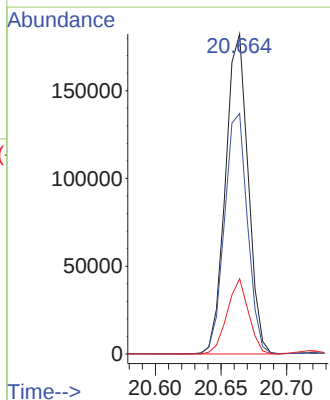
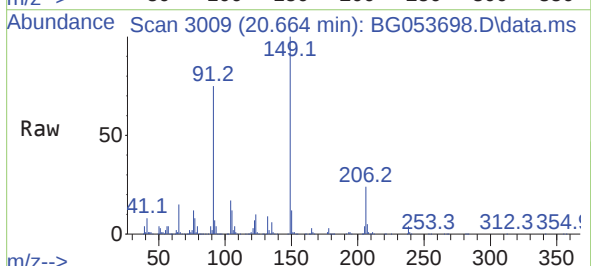
Manual Integrations
 APPROVED

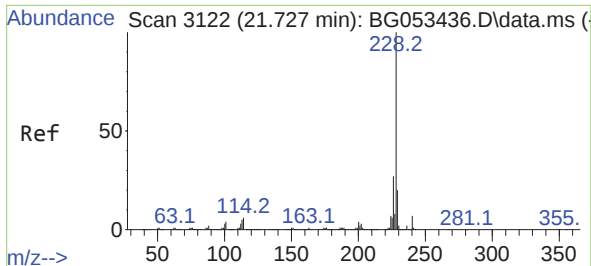
Reviewed By :Christian Giraldo 05/26/2022
 Supervised By :Jagrut Upadhyay 05/26/2022



#80
 Butylbenzylphthalate
 Concen: 48.292 ng
 RT: 20.664 min Scan# 3009
 Delta R.T. 0.001 min
 Lab File: BG053698.D
 Acq: 25 May 2022 17:52

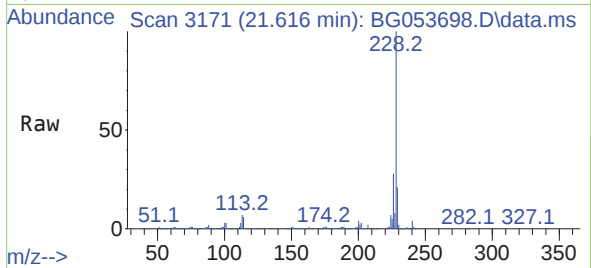
Tgt Ion:149 Resp: 218849
 Ion Ratio Lower Upper
 149 100
 91 75.1 59.6 89.4
 206 23.5 18.6 28.0





#81
Benzo(a)anthracene
Concen: 46.635 ng
RT: 21.616 min Scan# 3116
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

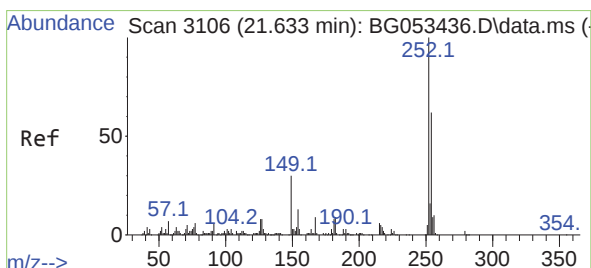
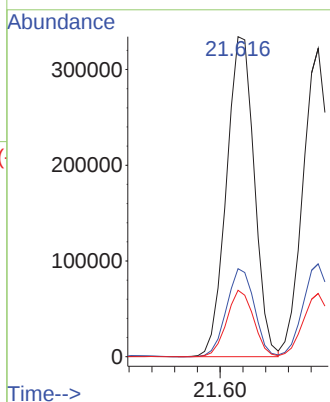
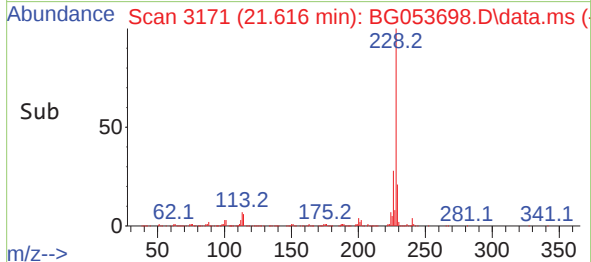
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:228 Resp: 56784
Ion Ratio Lower Upper
228 100
226 27.5 21.6 32.4
229 20.7 16.2 24.2

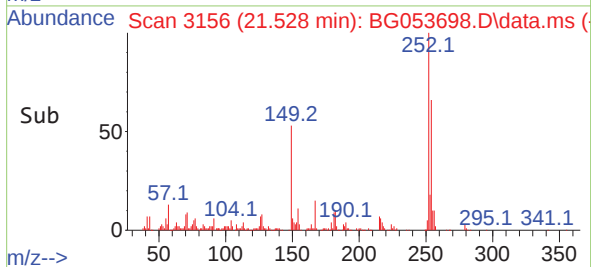
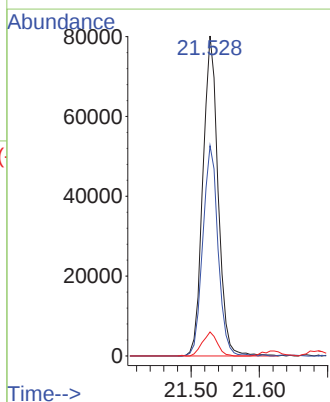
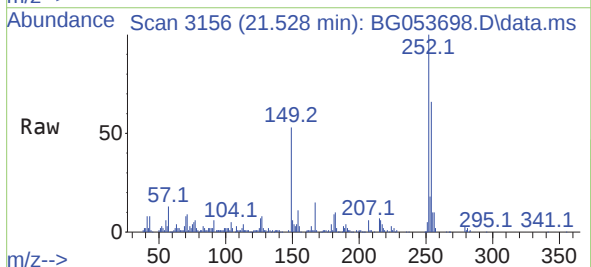
Manual Integrations
APPROVED

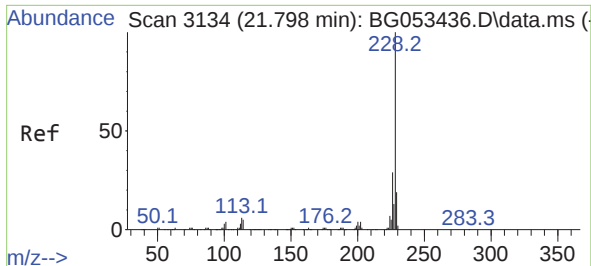
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 40.260 ng
RT: 21.528 min Scan# 3156
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

Tgt Ion:252 Resp: 124315
Ion Ratio Lower Upper
252 100
254 65.7 49.8 74.8
126 7.5 6.0 9.0





#83

Chrysene

Concen: 45.702 ng

RT: 21.686 min Scan# 31

Delta R.T. 0.001 min

Lab File: BG053698.D

Acq: 25 May 2022 17:52

Instrument :

BNA_G

ClientSampleId :

P024-SS007-0006-01MSD

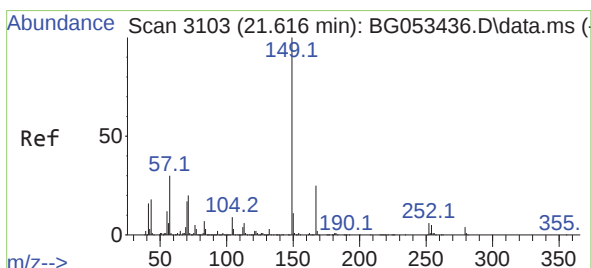
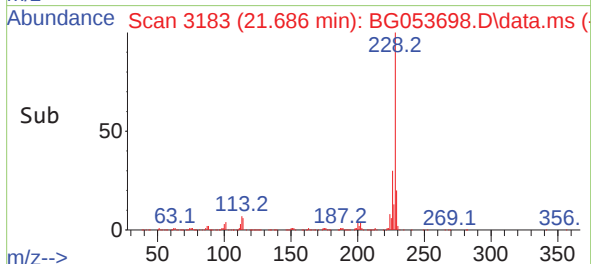
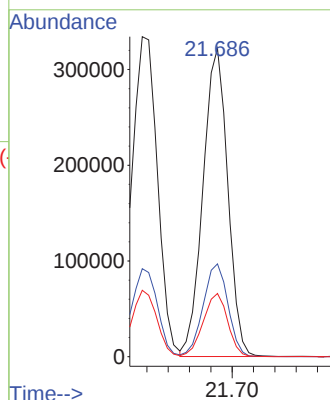
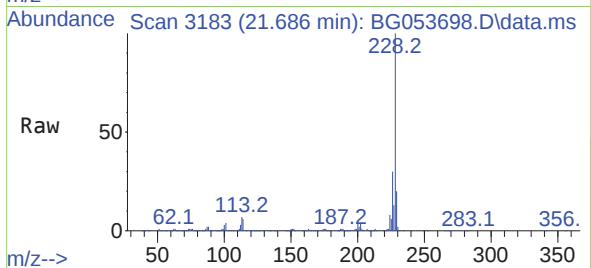
Tgt Ion:228 Resp: 519734

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	20.5	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.299 ng

RT: 21.510 min Scan# 3153

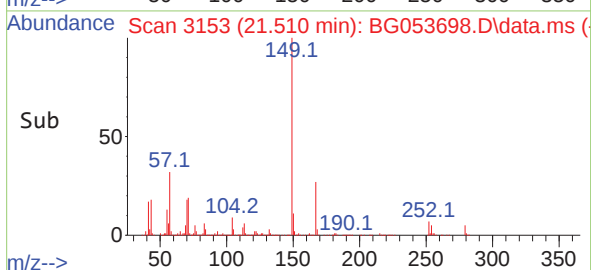
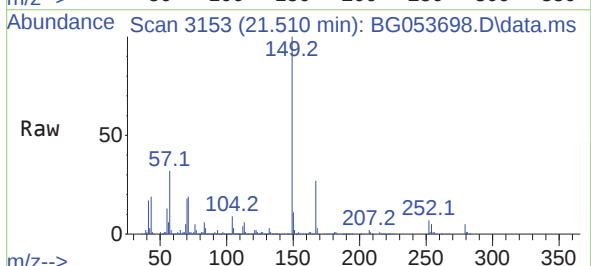
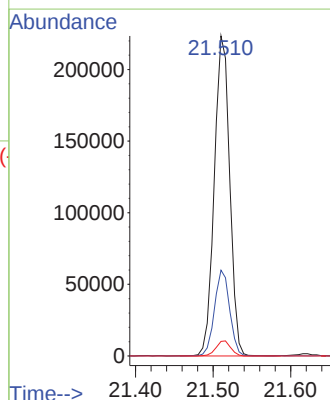
Delta R.T. 0.001 min

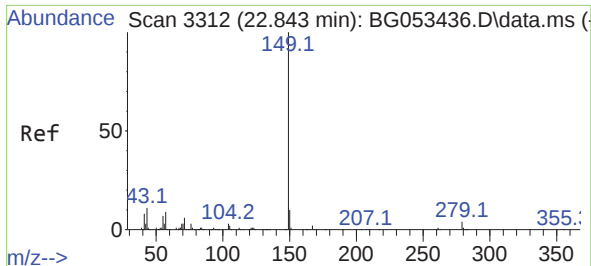
Lab File: BG053698.D

Acq: 25 May 2022 17:52

Tgt Ion:149 Resp: 308357

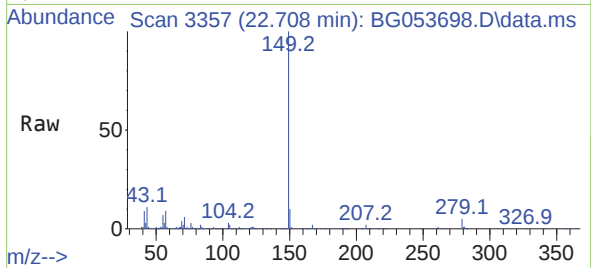
Ion	Ratio	Lower	Upper
149	100		
167	26.8	20.2	30.4
279	4.5	3.6	5.4





#85
Di-n-octyl phthalate
Concen: 48.458 ng
RT: 22.708 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

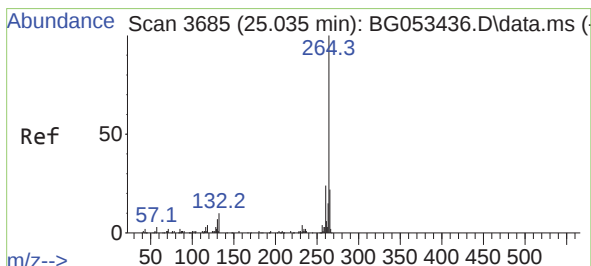
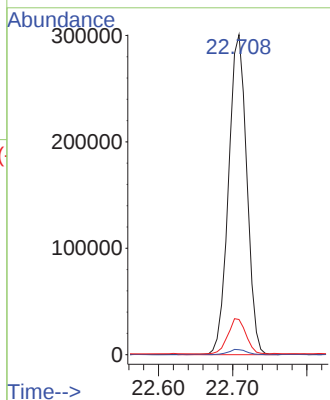
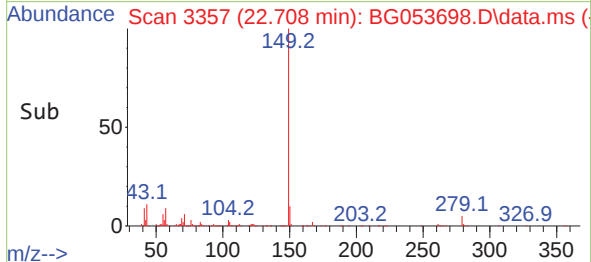
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:149 Resp: 51253
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 10.9 9.0 13.4

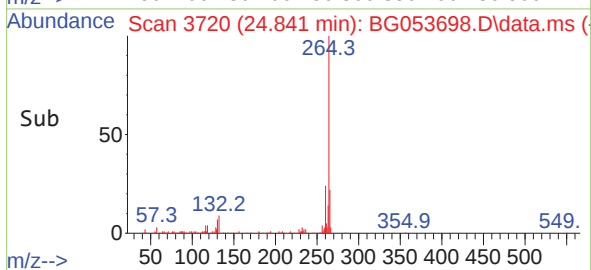
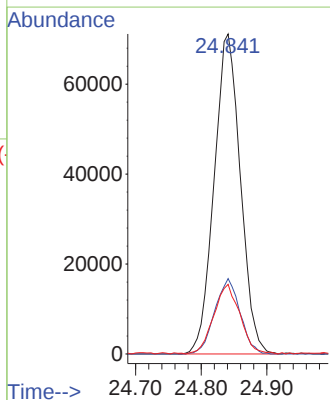
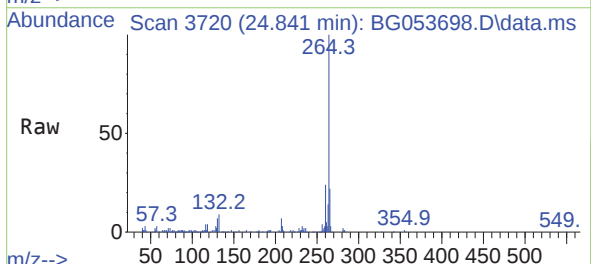
Manual Integrations
APPROVED

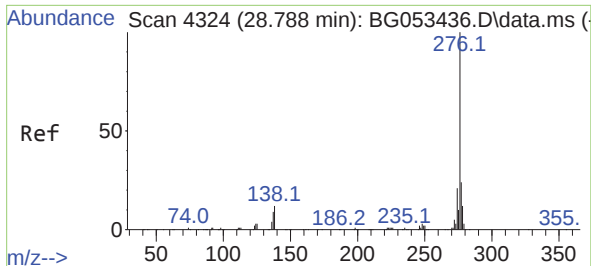
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.841 min Scan# 3720
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

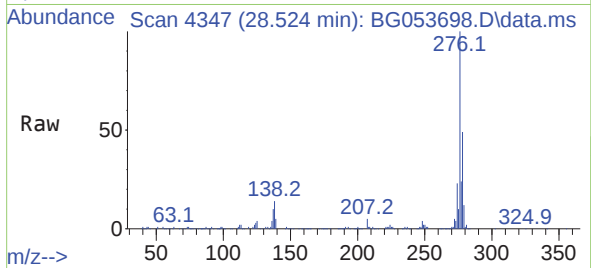
Tgt Ion:264 Resp: 197405
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 21.8 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 45.177 ng
RT: 28.524 min Scan# 4324
Delta R.T. 0.013 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

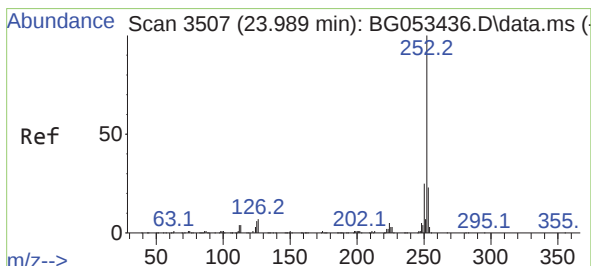
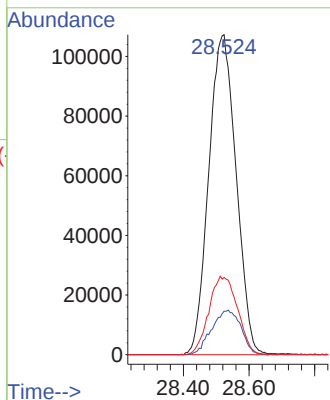
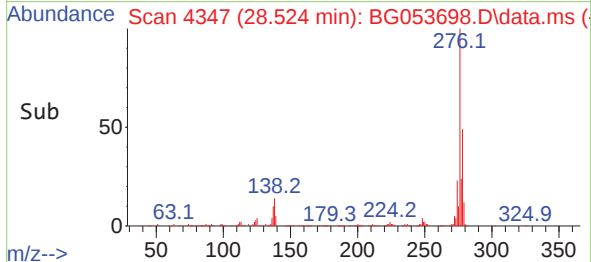
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion: 276 Resp: 62112
Ion Ratio Lower Upper
276 100
138 14.9 5.0 7.4
277 0.0 20.3 30.5

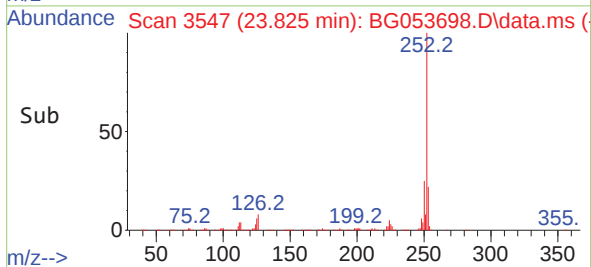
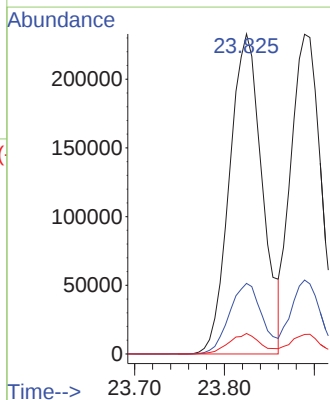
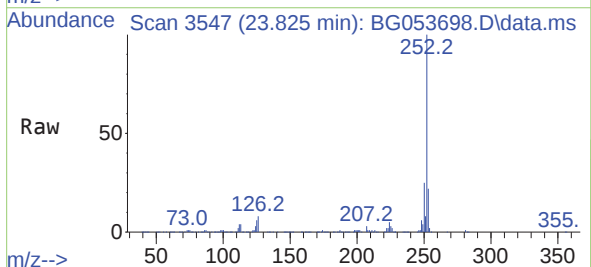
Manual Integrations
APPROVED

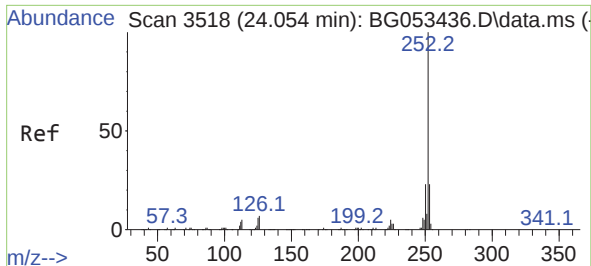
Reviewed By : Christian Giraldo 05/26/2022
Supervised By : Jagrut Upadhyay 05/26/2022



#88
Benzo(b)fluoranthene
Concen: 50.358 ng
RT: 23.825 min Scan# 3547
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

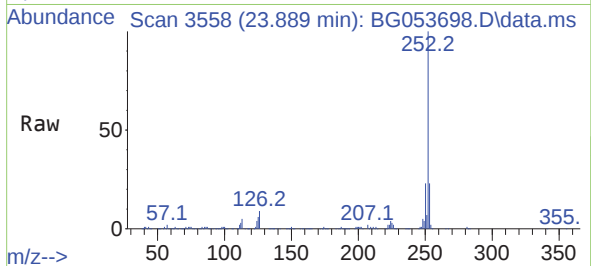
Tgt Ion: 252 Resp: 588421
Ion Ratio Lower Upper
252 100
253 22.1 18.0 27.0
125 6.4 4.6 6.8





#89
Benzo(k)fluoranthene
Concen: 47.196 ng
RT: 23.889 min Scan# 31
Delta R.T. 0.001 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

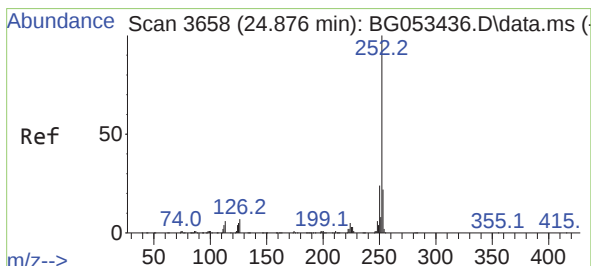
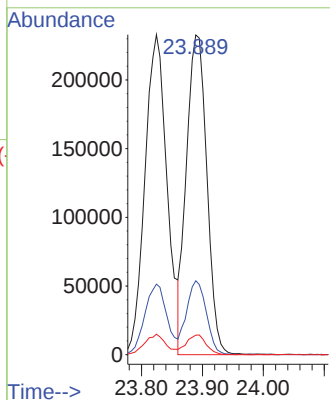
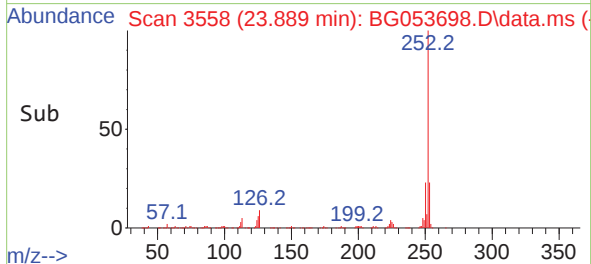
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



Tgt Ion:252 Resp: 541915
Ion Ratio Lower Upper
252 100
253 23.1 18.4 27.6
125 6.1 4.8 7.2

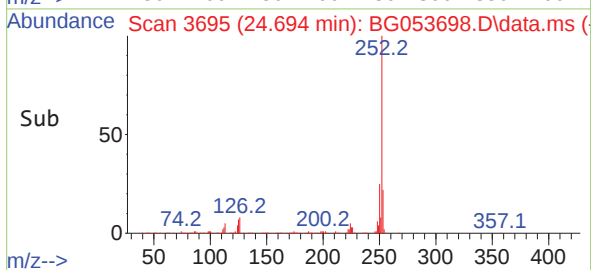
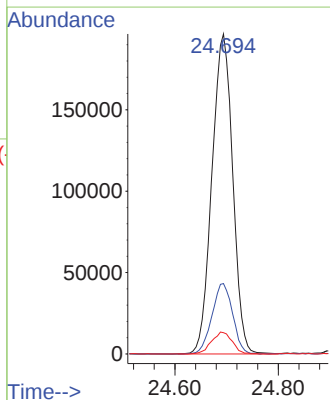
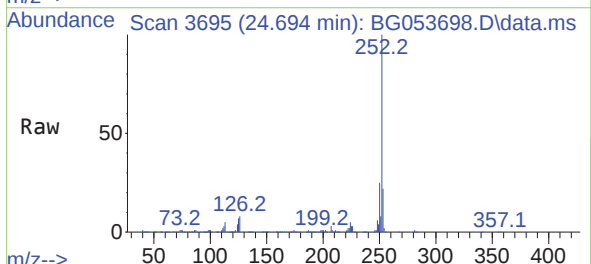
Manual Integrations
APPROVED

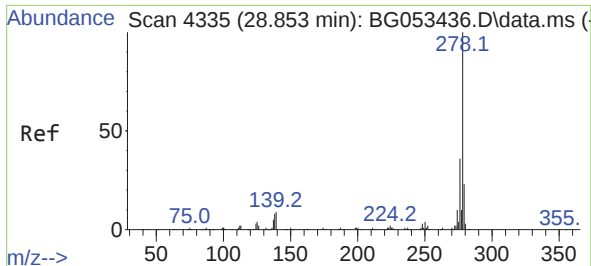
Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#90
Benzo(a)pyrene
Concen: 55.084 ng
RT: 24.694 min Scan# 3695
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

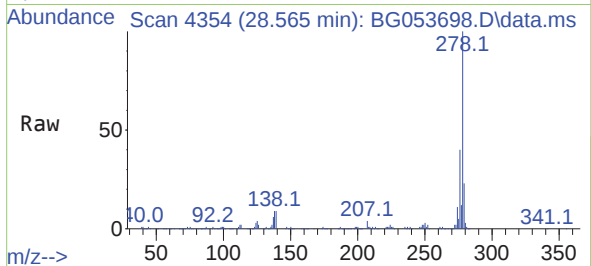
Tgt Ion:252 Resp: 547839
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 6.6 4.3 6.5#





#91
Dibenzo(a,h)anthracene
Concen: 48.099 ng
RT: 28.565 min Scan# 41
Delta R.T. 0.013 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52

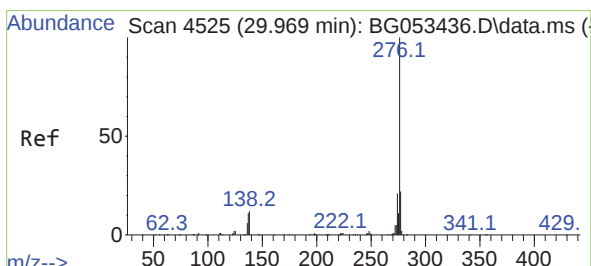
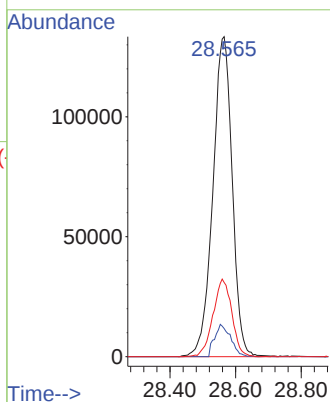
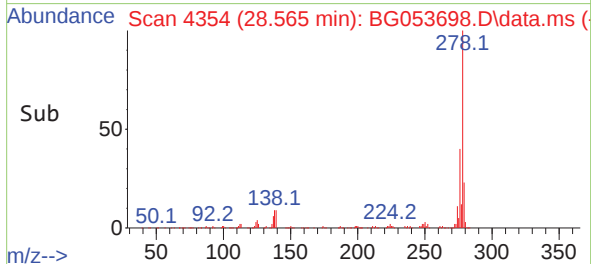
Instrument :
BNA_G
ClientSampleId :
P024-SS007-0006-01MSD



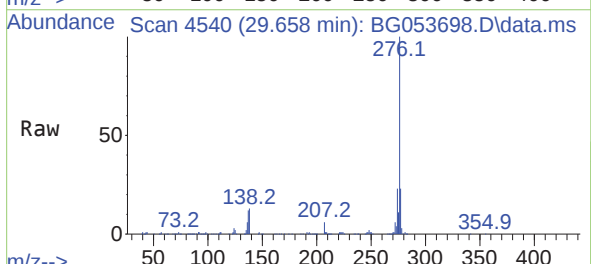
Tgt Ion:278 Resp: 54491
Ion Ratio Lower Upper
278 100
139 8.8 7.2 10.8
279 23.2 18.6 27.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 05/26/2022
Supervised By :Jagrut Upadhyay 05/26/2022



#92
Benzo(g,h,i)perylene
Concen: 47.038 ng
RT: 29.658 min Scan# 4540
Delta R.T. 0.007 min
Lab File: BG053698.D
Acq: 25 May 2022 17:52



Tgt Ion:276 Resp: 528223
Ion Ratio Lower Upper
276 100
277 23.3 17.3 25.9
138 12.9 9.6 14.4

